

POLLUTION MONITORING DATA

Licensee: Central Coast Council, PO Box 20 Wyong NSW 2259

EPL No. 2647 – Toukley Sewage Treatment System

Location of Pollution Monitoring Point: Composite sampling point prior to outlet to sand dune disposal area

Licence Period: 1 January 2022 – 31 December 2022

Publishing Date: 17 January 2023

COMPLIANCE STATUS

Results obtained for licence period are within annual concentration limits.

	Biochemical Oxygen Demand (BOD) (mg/L)	Oil and Grease (O&G) (mg/L)	pH	Total Suspended Solids (TSS) (mg/L)	Ammonia (mg/L)
50 percentile	-	-	-	-	-
90 percentile	-	10	-	50	-
3DGM	-	15	-	60	-
100 percentile	-	-	6.5 - 8.5	-	-

50 percentile	-	-	-	-	-
90 percentile	-	<5	-	45	-
3DGM	-	-	-	38	-
100 percentile	-	-	-	-	-

Collected	Obtained	Published	BOD (mg/L)	O&G (mg/L)	pH	TSS (mg/L)	Ammonia
4 January 2022	16 January 2022	23 January 2022	12	<5	7.6	12	19.9
16 January 2022	28 January 2022	5 February 2022	14	<5	7.6	20	23.6
28 January 2022	9 February 2022	14 February 2022	35	<5	7.4	36	24.2
9 February 2022	18 February 2022	23 February 2022	23	<5	7.6	33	16.7
21 February 2022	3 March 2022	15 March 2022	15	<5	7.6	17	18.3
5 March 2022	18 March 2022	23 March 2022	13	<5	7.1	9	6.78
17 March 2022	28 March 2022	2 April 2022	8	<5	7.4	13	10.2
29 March 2022	6 April 2022	11 April 2022	13	<5	7.4	16	11.5
10 April 2022	19 April 2022	27 April 2022	25	<5	7.4	21	8.64
22 April 2022	10 May 2022	15 May 2022	19	<5	7.4	20	10.7
4 May 2022	19 May 2022	25 May 2022	20	<5	7.3	38	8.83
16 May 2022	30 May 2022	6 June 2022	21	<5	7.4	17	7.42
28 May 2022	15 June 2022	20 June 2022	16	<5	7.3	16	15.6
9 June 2022	24 June 2022	30 June 2022	11	<5	7.4	6	3.84
21 June 2022	1 July 2022	6 July 2022	42	<5	7.3	36	11.0
3 July 2022	18 July 2022	23 July 2022	34	<5	7.3	44	12.5
15 July 2022	27 July 2022	4 August 2022	14	<5	7.2	30	4.37
27 July 2022	9 August 2022	15 August 2022	16	<5	7.3	9	16.0
8 August 2022	24 August 2022	31 August 2022	18	<5	7.3	18	8.76
20 August 2022	1 September 2022	7 September 2022	7	<5	7.4	8	11.1
1 September 2022	12 September 2022	17 September 2022	15	<5	7.5	8	13.9
13 September 2022	23 September 2022	1 October 2022	<2	6	7.6	8	15.1
25 September 2022	10 October 2022	15 October 2022	18	<5	7.5	16	14.7
7 October 2022	17 October 2022	23 October 2022	22	<5	7.5	13	22.5
19 October 2022	31 October 2022	4 November 2022	13	<5	7.5	10	10.4
31 October 2022	9 November 2022	14 November 2022	22	11	7.4	30	10.4
12 November 2022	21 November 2022	26 November 2022	23	<5	7.3	24	26.3
24 November 2022	1 December 2022	6 December 2022	22	<5	7.3	16	23.3
6 December 2022	20 December 2022	25 December 2022	14	<5	6.8	15	10.4
20 December 2022	3 January 2023	8 January 2023	18	<5	7.7	26	18.2
30 December 2022	6 January 2023	11 January 2023	31	<5	7.6	61	15.9

< : Where this symbol is shown, the result is below the limit at which the parameter can be accurately detected and reported.

n/a means not available.

Where results are below the laboratory detection limits (e.g. <2) half the value of the detection limit will be used for calculation purposes when all required data has been obtained. Where 50% or more of the sample results for a particular pollutant are below the detection limit, zero will be used for calculation purposes. This methodology is consistent with that outlined in the EPA's Load Calculation Protocol (June 2009) and will be applied when all required data for the licence period has been obtained.

FAECAL COLIFORM & ENTEROCOCCI MONITORING DATA

Licensee: Central Coast Council, PO Box 20 Wyong NSW 2259

EPL No. 2647 – Toukley Sewage Treatment System

Location of Pollution Monitoring Point:

Licence Period: 1 January 2022 – 31 December 2022

Cabbage Tree Bay (Lic Pt 13) and Soldiers Beach (Lic Pt 14)

Publishing Date: 17 January 2023

COMPLIANCE STATUS

The licence does not prescribe concentration limits for faecal coliforms and enterococci

Collected	Obtained	Published	Cabbage Tree Bay		Soldiers Beach	
			Faecal coliforms (cfu/100 mL)	Enterococci (mpn/100 mL)	Faecal coliforms (cfu/100 mL)	Enterococci (mpn/100 mL)
4 January 2022	10 January 2022	15 January 2022	57	49	~120	10
6 January 2022	11 January 2022	16 January 2022	2	~5	21	<1
11 January 2022	16 January 2022	23 January 2022	5	~6	1	~1
18 January 2022	23 January 2022	31 January 2022	360	13	23	~4
25 January 2022	1 February 2022	7 February 2022	15	~3	~80	~2
3 February 2022	7 February 2022	13 February 2022	380	46	1	<1
8 February 2022	14 February 2022	19 February 2022	23	~6	56	~5
15 February 2022	18 February 2022	23 February 2022	7	~6	~100	~5
22 February 2022	24 February 2022	3 March 2022	1	~3	1	<1
1 March 2022	3 March 2022	11 March 2022	~1800	~1200	~100	40
8 March 2022	11 March 2022	20 March 2022	2900	3000	40	530
15 March 2022	18 March 2022	23 March 2022	~180	84	~980	72
22 March 2022	27 March 2022	2 April 2022	10	11	3	<1
29 March 2022	4 April 2022	9 April 2022	570	520	390	530
5 April 2022	8 April 2022	13 April 2022	5	~4	30	~1
7 April 2022	11 April 2022	27 April 2022	280	290	15	30
12 April 2022	19 April 2022	27 April 2022	60	~6	32	29
19 April 2022	22 April 2022	27 April 2022	7	~6	12	~2
26 April 2022	2 May 2022	14 May 2022	20	~6	9	~4
3 May 2022	6 May 2022	14 May 2022	8	~6	8	~1
10 May 2022	13 May 2022	25 May 2022	60	~3	2	~2
17 May 2022	23 May 2022	30 May 2022	56	12	3	~1
24 May 2022	27 May 2022	5 June 2022	410	800	30	120
31 May 2022	6 June 2022	11 June 2022	<1	36	5	~2
7 June 2022	14 June 2022	20 June 2022	4	~1	1	<1
9 June 2022	14 June 2022	20 June 2022	25	~7	2	~2
14 June 2022	20 June 2022	25 June 2022	360	59	29	~10
21 June 2022	24 June 2022	30 June 2022	4	~4	17	<1
28 June 2022	1 July 2022	6 July 2022	41	~7	<1	~1
7 July 2022	11 July 2022	16 July 2022	210	260	~160	350
12 July 2022	15 July 2022	23 July 2022	~65	49	14	10
19 July 2022	22 July 2022	1 August 2022	33	26	<1	~4
26 July 2022	9 August 2022	15 August 2022	2	~4	10	~6
9 August 2022	15 August 2022	20 August 2022	19	~4	<1	<1
16 August 2022	19 August 2022	27 August 2022	2	~1	12	~1
23 August 2022	25 August 2022	1 September 2022	19	~2	2	~1
30 August 2022	6 September 2022	11 September 2022	2	<1	21	~1
6 September 2022	12 September 2022	17 September 2022	230	600	2	<1
8 September 2022	14 September 2022	19 September 2022	6	~6	22	~3
13 September 2022	16 September 2022	24 September 2022	3	~6	<1	<1
20 September 2022	26 September 2022	1 October 2022	14	~1	<1	~1
27 September 2022	29 September 2022	5 October 2022	11	29	10	~1
4 October 2022	10 October 2022	15 October 2022	28	~5	12	~1
6 October 2022	10 October 2022	15 October 2022	22	45	25	<1
11 October 2022	17 October 2022	23 October 2022	19	~8	38	~4
18 October 2022	21 October 2022	26 October 2022	4	~2	<1	<1
25 October 2022	28 October 2022	3 November 2022	350	520	230	55
1 November 2022	4 November 2022	9 November 2022	13	~3	2	~3
8 November 2022	11 November 2022	16 November 2022	1	~2	4	<1
15 November 2022	19 November 2022	26 November 2022	28	~1	<1	<1
22 November 2022	25 November 2022	30 November 2022	<1	<1	19	16
29 November 2022	1 December 2022	6 December 2022	<1	<1	2	~4
6 December 2022	13 December 2022	18 December 2022	57	45	3	~3
8 December 2022	14 December 2022	19 December 2022	26	11	1	~1
13 December 2022	19 December 2022	24 December 2022	4	10	<1	<1
20 December 2022	4 January 2023	9 January 2023	~130	17	<1	<1
27 December 2022	4 January 2023	9 January 2023	~180	~9	210	10

< : Where this symbol is shown, the result is below the limit at which the parameter can be accurately detected and reported.

n/a means not available.

Where results are below the laboratory detection limits (e.g. <2) half the value of the detection limit will be used for calculation purposes when all required data has been obtained. Where 50% or more of the sample results for a particular pollutant are below the detection limit, zero will be used for calculation purposes. This methodology is consistent with that outlined in the EPA's Load Calculation Protocol (June 2009) and will be applied when all required data for the licence period has been obtained.

POLLUTION MONITORING DATA

Licensee: Central Coast Council, PO Box 20 Wyong NSW 2259

EPL No. 2647 – Toukley Sewage Treatment System

Location of Pollution Monitoring Point: Composite sampling point prior to outlet to sand dune disposal area

Licence Period: 1 January 2022 – 31 December 2022

Publishing Date: 17 January 2023

COMPLIANCE STATUS

Licence Monitoring Frequency for below pollutant is twice per year. The licence does not prescribe concentration limits for these pollutants.

	Aldrin	Arsenic	Cadmium	Chlordane (cis & trans)	Chromium	Copper	Dieldrin	Endosulfan	Endrin	Heptachlor	Heptachlor epoxide	Hexachlorobenzene	Lead	Mercury	Methoxychlor	Nickel	Selenium	Silver	Zinc	alpha-BHC	beta-BHC	gamma-BHC (lindane)	p,p-DDD	p,p-DDE	p,p-DDT	PCBs
Unit	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
No. Samples Collected	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Minimum value																										
Mean value																										
Median value																										
Maximum value																										
Limit of laboratory detection	0.01	0.1	0.1	0.01	0.2	0.5	0.01	0.01	0.01	0.01	0.01	0.01	0.1	0.3	0.01	0.1	0.2	0.1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.1

POLLUTION MONITORING DATA RESULTS

Collected	Obtained	Published																										
28/01/2022	09/02/2022	28/02/2022	<0.01	1.0	<0.1	<0.01	0.9	11.5	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.5	<0.3	<0.01	2.6	0.3	<0.1	35	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.1
22/04/2022	10/05/2022	15/05/2022	<0.01	1.7	<0.1	<0.01	0.8	8.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.4	<0.3	<0.01	2.1	0.2	<0.1	30	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.1
09/06/2022	24/06/2022	30/06/2022	<0.01	1.1	<0.1	<0.01	0.9	10.6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.5	<0.3	<0.01	2.1	0.2	<0.1	35	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.1
13/09/2022	23/09/2022	01/10/2022	<0.01	0.8	<0.1	<0.01	0.5	3.2	<0.01	<0.01	<0.01	<0.01	<0.01	0.1	<0.3	<0.01	1.4	0.2	<0.1	11	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.1	

<: Where this symbol is shown, the result is below the level at which the parameter can be routinely tested and reported.

n/a means not available.

Where results are below the laboratory detection limits (e.g. <2) half the value of the detection limit will be used for calculation purposes when all required data has been obtained. Where 50% or more of the sample results for a particular pollutant are below the detection limit, zero will be used for calculation purposes. This methodology is consistent with that outlined in the EPA's Load Calculation Protocol (June 2009) and will be applied when all required data for the licence period has been obtained.

FLOW MONITORING DATA

Licensee: Central Coast Council, PO Box 20 Wyong NSW 2259

Location of Pollution Monitoring Point Calculated from a number flow meter monitoring points as specified in EPL 2647

Publishing Date: 17 January 2023

EPL No. 2647 – Toukley Sewage Treatment System

Licence Period: 1 January 2022 – 31 December 2022

COMPLIANCE STATUS

Licence Monitoring Frequency for flow is daily. The licence prescribes a limit of 60,000 kilolitres/day

Date	Flow (kL)	Date	Flow (kL)	Date	Flow (kL)	Date	Flow (kL)	Date	Flow (kL)	Date	Flow (kL)	Date	Flow (kL)	Date	Flow (kL)
1/01/2022	29,475	1/02/2022	26,621	1/03/2022	46,572	1/04/2022	47,066	1/05/2022	41,546	1/06/2022	38,300	1/07/2022	28,697	1/08/2022	28,428
2/01/2022	27,067	2/02/2022	26,222	2/03/2022	54,338	2/04/2022	44,611	2/05/2022	41,019	2/06/2022	38,162	2/07/2022	34,240	2/08/2022	22,474
3/01/2022	26,798	3/02/2022	27,901	3/03/2022	55,558	3/04/2022	45,665	3/05/2022	40,845	3/06/2022	36,424	3/07/2022	55,672	3/08/2022	27,191
4/01/2022	19,344	4/02/2022	31,209	4/03/2022	55,507	4/04/2022	42,941	4/05/2022	39,994	4/06/2022	34,542	4/07/2022	53,433	4/08/2022	29,900
5/01/2022	15,947	5/02/2022	30,092	5/03/2022	55,834	5/04/2022	43,290	5/05/2022	38,291	5/06/2022	33,205	5/07/2022	73,646	5/08/2022	27,924
6/01/2022	19,487	6/02/2022	30,772	6/03/2022	56,575	6/04/2022	42,420	6/05/2022	39,709	6/06/2022	33,663	6/07/2022	74,683	6/08/2022	42,357
7/01/2022	24,340	7/02/2022	36,114	7/03/2022	49,831	7/04/2022	56,331	7/05/2022	39,111	7/06/2022	26,191	7/07/2022	75,131	7/08/2022	42,543
8/01/2022	34,825	8/02/2022	38,921	8/03/2022	59,328	8/04/2022	52,545	8/05/2022	38,394	8/06/2022	19,723	8/07/2022	66,960	8/08/2022	41,913
9/01/2022	33,874	9/02/2022	36,879	9/03/2022	49,450	9/04/2022	47,288	9/05/2022	39,214	9/06/2022	23,862	9/07/2022	51,252	9/08/2022	41,622
10/01/2022	35,679	10/02/2022	32,461	10/03/2022	45,947	10/04/2022	44,923	10/05/2022	40,113	10/06/2022	30,651	10/07/2022	51,014	10/08/2022	42,400
11/01/2022	26,005	11/02/2022	37,412	11/03/2022	43,312	11/04/2022	44,108	11/05/2022	40,108	11/06/2022	35,515	11/07/2022	47,688	11/08/2022	38,962
12/01/2022	30,028	12/02/2022	31,126	12/03/2022	42,751	12/04/2022	43,124	12/05/2022	41,516	12/06/2022	31,806	12/07/2022	45,990	12/08/2022	36,664
13/01/2022	30,833	13/02/2022	29,881	13/03/2022	41,515	13/04/2022	50,070	13/05/2022	41,728	13/06/2022	27,604	13/07/2022	45,370	13/08/2022	36,937
14/01/2022	28,208	14/02/2022	29,059	14/03/2022	42,085	14/04/2022	45,358	14/05/2022	41,826	14/06/2022	29,298	14/07/2022	49,270	14/08/2022	36,730
15/01/2022	28,030	15/02/2022	31,605	15/03/2022	41,742	15/04/2022	44,254	15/05/2022	39,779	15/06/2022	30,308	15/07/2022	45,819	15/08/2022	36,056
16/01/2022	27,361	16/02/2022	33,249	16/03/2022	43,310	16/04/2022	43,310	16/05/2022	40,231	16/06/2022	29,885	16/07/2022	44,561	16/08/2022	35,712
17/01/2022	26,242	17/02/2022	31,292	17/03/2022	41,791	17/04/2022	43,029	17/05/2022	36,380	17/06/2022	28,941	17/07/2022	43,784	17/08/2022	37,014
18/01/2022	29,842	18/02/2022	31,538	18/03/2022	42,062	18/04/2022	42,759	18/05/2022	36,267	18/06/2022	30,585	18/07/2022	43,871	18/08/2022	37,418
19/01/2022	32,239	19/02/2022	29,389	19/03/2022	43,449	19/04/2022	40,666	19/05/2022	27,388	19/06/2022	30,822	19/07/2022	45,494	19/08/2022	38,630
20/01/2022	26,883	20/02/2022	25,355	20/03/2022	42,701	20/04/2022	42,282	20/05/2022	28,145	20/06/2022	31,678	20/07/2022	45,196	20/08/2022	39,731
21/01/2022	28,033	21/02/2022	18,381	21/03/2022	41,398	21/04/2022	41,187	21/05/2022	29,044	21/06/2022	30,182	21/07/2022	44,495	21/08/2022	39,073
22/01/2022	28,295	22/02/2022	26,153	22/03/2022	41,098	22/04/2022	43,596	22/05/2022	35,972	22/06/2022	33,333	22/07/2022	44,539	22/08/2022	39,148
23/01/2022	25,384	23/02/2022	47,786	23/03/2022	40,944	23/04/2022	44,718	23/05/2022	38,742	23/06/2022	33,289	23/07/2022	43,823	23/08/2022	41,686
24/01/2022	26,620	24/02/2022	40,554	24/03/2022	43,365	24/04/2022	44,792	24/05/2022	42,702	24/06/2022	32,168	24/07/2022	43,330	24/08/2022	42,095
25/01/2022	25,867	25/02/2022	40,569	25/03/2022	43,218	25/04/2022	44,032	25/05/2022	44,928	25/06/2022	28,315	25/07/2022	43,022	25/08/2022	41,049
26/01/2022	26,023	26/02/2022	43,301	26/03/2022	47,276	26/04/2022	43,288	26/05/2022	41,551	26/06/2022	17,630	26/07/2022	34,830	26/08/2022	34,716
27/01/2022	23,851	27/02/2022	43,747	27/03/2022	44,905	27/04/2022	42,081	27/05/2022	37,314	27/06/2022	14,668	27/07/2022	32,704	27/08/2022	31,683
28/01/2022	23,397	28/02/2022	42,776	28/03/2022	44,514	28/04/2022	42,974	28/05/2022	38,392	28/06/2022	15,162	28/07/2022	37,486	28/08/2022	31,001
29/01/2022	22,048			29/03/2022	57,061	29/04/2022	41,651	29/05/2022	38,666	29/06/2022	16,268	29/07/2022	37,521	29/08/2022	26,756
30/01/2022	23,848			30/03/2022	54,330	30/04/2022	42,304	30/05/2022	36,143	30/06/2022	18,251	30/07/2022	30,310	30/08/2022	28,951
31/01/2022	22,439			31/03/2022	53,353			31/05/2022	36,815			31/07/2022	22,740	31/08/2022	27,384

FLOW MONITORING DATA

Licensee: Central Coast Council, PO Box 20 Wyong NSW 2259
Location of Monitoring Point: Calculated from a number flow meter monitoring points as specified in EPL 2647
Publishing Date: 17 January 2023
EPL No. 2647 – Toukley Sewage Treatment System
Licence Period: 1 January 2022 – 31 December 2022

COMPLIANCE STATUS

Licence Monitoring Frequency for flow is daily. The licence prescribes a limit of 60,000 kilolitres/day

Date	Flow (kL)	Date	Flow (kL)	Date	Flow (kL)	Date	Flow (kL)	Date	Flow (kL)	Date	Flow (kL)	Date	Flow (kL)
1/09/2022	27,647	1/10/2022	39,923	1/11/2022	27,366	1/12/2022	0						
2/09/2022	29,931	2/10/2022	38,251	2/11/2022	34,167	2/12/2022	0						
3/09/2022	32,589	3/10/2022	39,745	3/11/2022	33,504	3/12/2022	0						
4/09/2022	33,512	4/10/2022	38,723	4/11/2022	25,264	4/12/2022	0						
5/09/2022	32,744	5/10/2022	23,465	5/11/2022	24,408	5/12/2022	0						
6/09/2022	30,765	6/10/2022	18,936	6/11/2022	24,810	6/12/2022	0						
7/09/2022	32,455	7/10/2022	36,175	7/11/2022	11,077	7/12/2022	0						
8/09/2022	32,875	8/10/2022	43,281	8/11/2022	15,755	8/12/2022	0						
9/09/2022	35,388	9/10/2022	44,338	9/11/2022	27,598	9/12/2022	3,512						
10/09/2022	38,780	10/10/2022	42,402	10/11/2022	16,892	10/12/2022	9,089						
11/09/2022	34,842	11/10/2022	42,453	11/11/2022	12,495	11/12/2022	0						
12/09/2022	32,988	12/10/2022	42,041	12/11/2022	25,549	12/12/2022	0						
13/09/2022	23,015	13/10/2022	41,172	13/11/2022	31,437	13/12/2022	8,536						
14/09/2022	20,503	14/10/2022	40,747	14/11/2022	35,348	14/12/2022	28,556						
15/09/2022	21,228	15/10/2022	40,839	15/11/2022	35,870	15/12/2022	39,507						
16/09/2022	22,375	16/10/2022	39,198	16/11/2022	21,664	16/12/2022	41,438						
17/09/2022	21,033	17/10/2022	43,905	17/11/2022	24,320	17/12/2022	42,383						
18/09/2022	20,287	18/10/2022	42,740	18/11/2022	33,888	18/12/2022	42,622						
19/09/2022	31,305	19/10/2022	34,616	19/11/2022	28,634	19/12/2022	42,778						
20/09/2022	40,017	20/10/2022	39,716	20/11/2022	33,824	20/12/2022	41,890						
21/09/2022	33,686	21/10/2022	42,653	21/11/2022	22,087	21/12/2022	42,006						
22/09/2022	41,308	22/10/2022	42,275	22/11/2022	8,410	22/12/2022	39,870						
23/09/2022	38,881	23/10/2022	42,942	23/11/2022	9,893	23/12/2022	42,291						
24/09/2022	39,738	24/10/2022	42,110	24/11/2022	27,774	24/12/2022	42,056						
25/09/2022	39,213	25/10/2022	41,149	25/11/2022	32,195	25/12/2022	39,759						
26/09/2022	38,199	26/10/2022	39,315	26/11/2022	33,106	26/12/2022	41,143						
27/09/2022	29,315	27/10/2022	40,187	27/11/2022	30,769	27/12/2022	35,580						
28/09/2022	21,847	28/10/2022	33,676	28/11/2022	11,112	28/12/2022	30,806						
29/09/2022	28,012	29/10/2022	34,804	29/11/2022	0 ¹	29/12/2022	30,269						
30/09/2022	36,318	30/10/2022	35,396	30/11/2022	0	30/12/2022	29,706						
		31/10/2022	17,745			31/12/2022	28,410						

¹ Norah Head Effluent Tunnel Inspection-Isolation Commenced On 29/11/2022, Normal Operation from 14/12/2022

EPL No 2647 - Summary of non-compliant data				
Date	Parameter	Result	Cause	Action taken
5-8 July 2022	Flow (greater than 60 kL)	73,646 kL 74,683 kL 75,131 kL 66,960 kL	Stormwater inflow	Management of inflow from STP catchment