

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 2025 – 31 December 2025
Publishing Date: 11 March 2025

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)
License Concentration Limits					
50 percentile	-	-	-	-	-
90 percentile	-	10	-	50	-
3DGM	-	15	-	60	-
100 percentile	-	-	6.5 - 8.5	-	-
Pollution Monitoring Data Summary(provided at the end of annual reporting period)					
50 percentile	-	-	-	-	-
90 percentile	-	-	-	-	-
3DGM	-	-	-	-	-
100 percentile	-	-	-	-	-

Collected	Obtained	Published	BOD (mg/L)	O&G (mg/L)	pH	TSS (mg/L)	Ammonia
03/01/2025	14/01/2025	19/01/2025	8	<5	7.3	10	11.8
15/01/2025	31/01/2025	05/02/2025	18	<5	7.3	35	25.4
28/01/2025	06/02/2025	11/02/2025	8	<5	7.6	26	14.0
09/02/2025	18/02/2025	23/02/2025	10	<5	7.4	16	21.9
21/02/2025	04/03/2025	09/03/2025	8	<5	7.7	16	11.8

< : 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
Location of Pollution Monitoring Point:
Cabbage Tree Bay (Lic Pt 13) and Soldiers Beach (Lic Pt 14)
Publishing Date: 11 March 2025

EPL No. 2647 – Toukley Sewage Treatment System
Licence Period: 1 January 2025 – 31 December 2025

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)
07/01/2025	15/01/2025	21/01/2025	4	<1	5	~1
09/01/2025	17/01/2025	22/01/2025	330	200	10	~4
14/01/2025	26/01/2025	28/01/2025	290	12	34	21
21/01/2025	27/01/2025	28/01/2025	4	~2	21	~1
28/01/2025	31/01/2025	05/02/2025	290	190	36	~8
04/02/2025	07/02/2025	10/02/2025	38	~1	34	~1
6/02/2025	10/02/2025	13/02/2025	26	11	6	~1
11/02/2025	14/02/2025	17/02/2025	280	270	~190	13
18/02/2025	22/02/2025	28/02/2025	48	~3	2	<1
25/02/2025	28/02/2025	4/3/2025	43	47	24	~10
04/03/2025	07/03/2025	11/03/2025	26	16	9	12

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

Licence Period: 1 January 2025 – 31 December 2025

Publishing Date: 11 March 2025

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	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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																									
15/01/2025	31/01/2025	05/02/2025	<0.01	0.6	<0.1	<0.01	0.2	6.8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.2	<0.3	<0.01	1.6	0.2	<0.1	17	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

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n/a means not available.
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