

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

#### LUTION MONITORING DATA

Licensee: Central Coast Council, PO Box 20 Wyong NSW 2259
Location of Pollution Monitoring Point: Composite sampling point prior

to outlet to sand dune disposal area Publishing Date: 4 February 2025

## COMPLIANCE STATUS

COMI LIANCE STATUS										
Results obtained for licence period are within annual concentration limits.										
	Biochemical Oxygen Demand (BOD) (mg/L)	Oil and Grease (O&G) (mg/L)	рН	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	_	_		_	_					

iu percentile			-	-		-	-
Collected	Obtained	Published	BOD (mg/L)	O&G (mg/L)	рН	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
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<sup>&</sup>lt; : 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)

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

2025

Publishing Date: 4 February 2025

#### **COMPLIANCE STATUS**

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

0.11	014.1	5	Cabbage T Faecal coliforms	Enterococci	Faecal coliforms	Beach Enterococc		
Collected	Obtained	Published	(cfu/100 mL)	(mpn/100 mL)	(cfu/100 mL)	(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		
20/01/2020	01/01/2020	00/02/2020	200	100				
				+				
				+				
				+				

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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 2025 – 31 December 2025

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**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)	DDD-d'd	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 val	ue																											
Mean value																												
Median value	)																											
Maximum val	lue																											
Limit of labor	ratory detect	ion	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
		T=								PO	LLUTIO	N MONI	TORING	3 DATA	RESU	LTS												
Collected				1	1		1				1	1		ı	ı			1				1	1	1			1	1
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	<0.1
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<sup>&</sup>lt;: 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 **EPL No. 2647** – Toukley Sewage Treatment System **Licence Period:** 1 January 2025 – 31 December 2025

Publishing Date: 4 February 2025

# **COMPLIANCE STATUS**

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

Date	Flow	Date	Flow	Date	Flow	Date	Flow	Date	Flow	Date	Flow	Date	Flow	Date	Flow
Date	(kL)	Date	(kL)	Date	(kL)	Date	(kL)	Date	(kL)	Date	(kL)	Date	(kL)	Date	(kL)
1/01/2025	24,289	1/02/2025	31,299												
2/01/2025	15,892	2/02/2025	22,476												
3/01/2025	19,737	3/02/2025	28,330												
4/01/2025	18,801	4/02/2025													
5/01/2025	16,803	5/02/2025													
6/01/2025	25,537	6/02/2025													
7/01/2025	29,998	7/02/2025													
8/01/2025	34,233	8/02/2025													
9/01/2025	40,575	9/02/2025													
10/01/2025	31,327	10/02/2025													
11/01/2025	21,642	11/02/2025													
12/01/2025	35,264	12/02/2025													
13/01/2025	28,706	13/02/2025													
14/01/2025	21,465	14/02/2025													
15/01/2025	27,535	15/02/2025													
16/01/2025	30,724	16/02/2025													
17/01/2025	39,230	17/02/2025													
18/01/2025	43,072	18/02/2025													
19/01/2025	38,971	19/02/2025													
20/01/2025	40,863	20/02/2025													
21/01/2025	41,743	21/02/2025													
22/01/2025	40,720	22/02/2025													
23/01/2025	40,659	23/02/2025													
24/01/2025	38,413	24/02/2025													
25/01/2025	38,701	25/02/2025													
26/01/2025	34,943	26/02/2025													
27/01/2025	34,820	27/02/2025													
28/01/2025	30,540	28/02/2025													
29/01/2025	30,516														
30/01/2025	35,887														
31/01/2025	33,829			-										-	



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Licence N	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)
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Coast	
Council	,

EPL No 2647 - Su	EPL No 2647 - Summary of non-compliant data  Date Parameter Result Cause Action taken											
Date	Parameter	Result	Cause	Action taken								
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