

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 ocean outfall and sand dune disposal area

Licence Period: 1 January 2025 – 31 December 2025

Publishing Date: 30 May 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	-	-	-	-	-

[illegible]

< : 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 2025 – 31 December 2025

Publishing Date: 30 May 2025

COMPLIANCE STATUS

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

[illegible]

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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

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Licence Period: 1 January 2025 – 31 December 2025

Publishing Date: 30 May 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	5.6	<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
10/04/2025	23/04/2025	01/05/2025	<0.01	0.7	<0.1	<0.01	0.4	6.7	<0.01	<0.01	<0.01	<0.01	<0.01	0.2	<0.3	<0.01	1.9	<0.2	<0.1	20	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

<: 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: 30 May 2025

EPL No. 2647 – Toukley Sewage Treatment System

Licence Period: 1 January 2025 – 31 December 2025

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)
1/01/2025	24,289	1/02/2025	31,299	1/03/2025	32,130	1/04/2025	24,147	1/05/2025	47,612						
2/01/2025	15,892	2/02/2025	22,476	2/03/2025	29,998	2/04/2025	27,899	2/05/2025	53,887						
3/01/2025	19,737	3/02/2025	28,330	3/03/2025	28,988	3/04/2025	31,330	3/05/2025	49,756						
4/01/2025	18,801	4/02/2025	34,910	4/03/2025	31,372	4/04/2025	31,260	4/05/2025	45,914						
5/01/2025	16,803	5/02/2025	32,163	5/03/2025	30,801	5/04/2025	31,863	5/05/2025	45,796						
6/01/2025	25,537	6/02/2025	25,654	6/03/2025	29,059	6/04/2025	32,171	6/05/2025	45,824						
7/01/2025	29,998	7/02/2025	28,351	7/03/2025	29,178	7/04/2025	24,596	7/05/2025	44,016						
8/01/2025	34,233	8/02/2025	29,030	8/03/2025	29,554	8/04/2025	17,291	8/05/2025	43,051						
9/01/2025	40,575	9/02/2025	18,521	9/03/2025	30,804	9/04/2025	18,152	9/05/2025	44,490						
10/01/2025	31,327	10/02/2025	17,651	10/03/2025	30,005	10/04/2025	17,433	10/05/2025	43,823						
11/01/2025	21,642	11/02/2025	34,364	11/03/2025	31,835	11/04/2025	17,658	11/05/2025	47,395						
12/01/2025	35,264	12/02/2025	28,235	12/03/2025	33,695	12/04/2025	17,630	12/05/2025	49,535						
13/01/2025	28,706	13/02/2025	24,910	13/03/2025	29,536	13/04/2025	15,918	13/05/2025	46,077						
14/01/2025	21,465	14/02/2025	18,746	14/03/2025	26,664	14/04/2025	6,720	14/05/2025	44,296						
15/01/2025	27,535	15/02/2025	13,393	15/03/2025	26,727	15/04/2025	13,236	15/05/2025	45,097						
16/01/2025	30,724	16/02/2025	9,803	16/03/2025	25,665	16/04/2025	26,558	16/05/2025	53,278						
17/01/2025	39,230	17/02/2025	5,850	17/03/2025	22,130	17/04/2025	33,993	17/05/2025	48,785						
18/01/2025	43,072	18/02/2025	4,961	18/03/2025	15,265	18/04/2025	38,473	18/05/2025	56,562						
19/01/2025	38,971	19/02/2025	21,288	19/03/2025	15,850	19/04/2025	36,625	19/05/2025	69,398						
20/01/2025	40,863	20/02/2025	37,138	20/03/2025	14,399	20/04/2025	30,900	20/05/2025	52,437						
21/01/2025	41,743	21/02/2025	37,516	21/03/2025	22,109	21/04/2025	30,969	21/05/2025	55,437						
22/01/2025	40,720	22/02/2025	37,354	22/03/2025	28,530	22/04/2025	39,098	22/05/2025	67,283						
23/01/2025	40,659	23/02/2025	32,998	23/03/2025	34,025	23/04/2025	41,141	23/05/2025	75,927						
24/01/2025	38,413	24/02/2025	33,822	24/03/2025	30,254	24/04/2025	41,577	24/05/2025	68,079						
25/01/2025	38,701	25/02/2025	33,986	25/03/2025	30,946	25/04/2025	43,376	25/05/2025	52,438						
26/01/2025	34,943	26/02/2025	31,635	26/03/2025	30,199	26/04/2025	41,375	26/05/2025							
27/01/2025	34,820	27/02/2025	27,948	27/03/2025	31,786	27/04/2025	51,399	27/05/2025							
28/01/2025	30,540	28/02/2025	32,676	28/03/2025	31,962	28/04/2025	52,679	28/05/2025							
29/01/2025	30,516			29/03/2025	45,122	29/04/2025	53,498	29/05/2025							
30/01/2025	35,887			30/03/2025	39,241	30/04/2025	54,421	30/05/2025							
31/01/2025	33,829			31/03/2025	33,474			31/05/2025							

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