### **POLLUTION MONITORING DATA**

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

EPL No. 1942 - Bateau Bay Sewage Treatment System

Location of Pollution Monitoring Point: Inlet channel to the chlorine

Licence Period: 1 January 2025 – 31 December 2025

contact tank

Publishing Date: 4 February 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)	рН	Total Suspended Solids (TSS)	Ammonia (mg/L)
License Concentration Limits					
100 percentile	30	10	6.5 - 8.5	50	30

# Pollution Monitoring Data Summary (provided at the end of reporting period)

100 percentile

Collected	Obtained	Published	BOD (mg/L)	O&G (mg/L)	pН	TSS (mg/L)	Ammonia
03/01/2025	14/01/2025	19/01/2025	12	<5	7.3	6	14.4
03/01/2025 15/01/2025	31/01/2025	05/02/2025	11	<5	7.2	5	9.74
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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

EPL No. 1942 – Bateau Bay Sewage Treatment System Licence Period: 1 January 2025 – 31 December 2025

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

**Location of Pollution Monitoring Point:** 

Shelly Beach (Lic Pt 5), Toowoon Bay (Lic Pt 6), Blue Bay (Lic Pt 7)

and Blue Lagoon (Lic Pt 8) **Publishing Date:** 4 February 2025

### **COMPLIANCE STATUS**

ollected	Obtained	Published	Shelly She	Beach	Toowo	on Bay	Blu	e Bay	Blue Lagoon		
			Faecal coliforms	Enterococci (mpn/100 mL)	Faecal coliforms	Enterococci (mpn/100 mL)	Faecal coliforms	Enterococci (mpn/100 mL)	Faecal coliforms	Enterocoo (mpn/100 n	
7/01/2025	15/01/2025	20/01/2025	(cfu/100 mL) 7	~6	(cfu/100 mL) 5	<1	(cfu/100 mL) <1	<1	(cfu/100 mL)	<1	
9/01/2025	17/01/2025	22/01/2025	35	36	44	28	12	~8	6	~2	
4/01/2025	26/01/2025	28/01/2025	57	11	16	28 ~5	53	~6	6	10	
1/01/2025	26/01/2025	28/01/2025	10	~15	22	~5 55	1	~6 <1	4	10 <1	
8/01/2025	31/01/2025	05/02/2025	22	32	~150	15	~2200	31	~90	17	
.0/01/2020	31/01/2023	03/02/2025	22	32	~150	15	~2200	31	~90	17	
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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.

#### **POLLUTION 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

EPL No. 1942 - Bateau Bay Sewage Treatment System

**Licence Period:** 1 January 2025 – 31 December 2025

Publishing Date: 4 February 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)	DOD-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	ue																											
Limit of labor	atory detecti	on	0.01	0.2	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	0.2	0.2	0.1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.1
										PO	LLUTIO	MOM	TORING	S DATA	RESU	LTS												
Collected		Published	-	1	1	1	1					ı	1	1	1			1		ı			1	ı	1			1
15/01/2025	31/01/2025	05/02/2025	<0.01	0.9	<0.1	<0.01	0.3	8.3	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.1	<0.3	<0.01	1.6	<0.2	<0.1	33	<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

EPL No. 1942 - Bateau Bay Sewage Treatment System

Location of Pollution Monitoring Point Calculated from a number flow meter monitoring points as specified in EPL 1942

**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 36,000 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	7,467	1/02/2025	8,165		(142)		(142)		(142)		(142)		(142)		(142)
2/01/2025	6,769	2/02/2025	7,198												
3/01/2025	6,797	3/02/2025	6,643												
4/01/2025	7,254	4/02/2025													
5/01/2025	7,077	5/02/2025													
6/01/2025	6,650	6/02/2025													
7/01/2025	7,495	7/02/2025													
8/01/2025	16,588	8/02/2025													
9/01/2025	12,949	9/02/2025													
10/01/2025	9,482	10/02/2025													
11/01/2025	8,466	11/02/2025													
12/01/2025	7,932	12/02/2025													
13/01/2025	7,226	13/02/2025													
14/01/2025	6,744	14/02/2025													
15/01/2025	8,806	15/02/2025													
16/01/2025	18,644	16/02/2025													
17/01/2025	14,171	17/02/2025													
18/01/2025	21,483	18/02/2025													
19/01/2025	11,468	19/02/2025													
20/01/2025	9,396	20/02/2025													
21/01/2025	7,556	21/02/2025													
22/01/2025	7,738	22/02/2025													
23/01/2025	7,948	23/02/2025													
24/01/2025	7,298	24/02/2025													
25/01/2025	7,627	25/02/2025													
26/01/2025	7,745	26/02/2025													
27/01/2025	7,747	27/02/2025													
28/01/2025	8,173	28/02/2025													
29/01/2025	7,719														
30/01/2025	7,405														
31/01/2025	8,249														

## FLOW MONITORING DATA

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

EPL No. 1942 – Bateau Bay Sewage Treatment System

Location of Monitoring Point: Calculated from a number flow meter monitoring points as specified in EPL 1942

**Licence Period:** 1 January 2025 – 31 December 2025

Publishing Date: 4 February 2025

## COMPLIANCE STATUS

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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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EPL No 1942 - Sum	EPL No 1942 - Summary of non-compliant data												
Date	Parameter	Result	Cause	Action taken									