### **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

contact tank

Licence Period: 1 January 2025 – 31 December 2025

Publishing Date: 21 January 2025

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Results obtained for licence period are within annual cond	centration 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
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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: 21 January 2025

**COMPLIANCE STATUS** 

Collected	Obtained	Published	Snelly	Beach	Toowo	on bay	Diu	e Bay	Blue	Lagoon	
			Faecal coliforms (cfu/100 mL)	Enterococci (mpn/100 mL)	Faecal coliforms (cfu/100 mL)	Enterococci (mpn/100 mL)	Faecal coliforms (cfu/100 mL)	Enterococci (mpn/100 mL)	Faecal coliforms (cfu/100 mL)	Enterococo (mpn/100 m	
07/01/2025	15/01/2025	20/01/2025	7	~6	5	<1	<1 <1	<1	1	<1	
09/01/2025	17/01/2025	22/01/2025	35	36	44	28	12	~8	6	~2	
03/01/2023	1770172020	22/01/2020		50		20	12	0			
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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: 21 January 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)	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	atory detect	ion	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	N MON	ITORING	G DATA	RESU	LTS												
Collected	Obtained	Published							•									•										
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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: 21 January 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		(KL)		(KE)		(KL)								
2/01/2025	6,769														
3/01/2025	6,797														
4/01/2025	7,254														
5/01/2025	7,077														
6/01/2025	6,650														
7/01/2025	7,495														
8/01/2025	16,588														
9/01/2025	12,949														
10/01/2025	9,482														
11/01/2025	8,466														
12/01/2025	7,932														
13/01/2025															
14/01/2025															
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26/01/2025															
27/01/2025															
28/01/2025															
29/01/2025															
30/01/2025			-												
31/01/2025															

## 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: 21 January 2025

# **COMPLIANCE STATUS**

Licence Monitoring Frequency for flow is daily. The licence prescribes a limit of 36,000 kilolitres/day Flow Flow Flow Date Date Date Date Date Date (kL) (kL) (kL) (kL) (kL) (kL) (kL) (kL)

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