### POLLUTION MONITORING DATA

Licensee: Central Coast Council, PO Box 20 Wyong NSW 2259 Location of Pollution Monitoring Point: Inlet channel to the chlorine contact tank **EPL No. 1942** – Bateau Bay Sewage Treatment System **Licence Period:** 1 January 2025 – 31 December 2025

Publishing Date: 18 February 2025

OMPLIANCE S	STATUS						
Results obtained	for licence period are	e within annual conce	ntration limits. Biochemical Oxygen Demand (BOD) (mg/L)	Oil and Grease (O&G) (mg/L)	рН	Total Suspended Solids (TSS)	Ammonia (mg/L)
cense Conce	ntration Limits						
) percentile			30	10	6.5 - 8.5	50	30
	oring Data Sum	mary (provided a	t the end of repo	orting period			
) percentile				5 1000			-
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
15/01/2025	31/01/2025	05/02/2025	11	<5	7.2	5	9.74
28/02/2025	06/02/2025	11/02/2025	4	<5	7.2	4	6.70
09/02/2025	18/02/2025	23/02/2025	3	<5	6.9	2	3.20
Where this sym	hal is shown that ras	ult is below the limit a	t which the paramo	ter can be accur	ately dete	cted and reported	

< : 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.

ocation o	of Pollution Mo ch (Lic Pt 5), Too				EPL No. <sup>-</sup> Licence F	1942 – Batea Period: 1 Jan	u Bay Sewa uary 2025 -	ge Treatmer 31 Decemb	t System er 2025	
ublishing	agoon (Lic Pt 8) <b>j Date:</b> 18 Febr	uary 2025								
	NCE STATU				., .					
	e does not pre									
ollected	Obtained	Published	Shelly Faecal	Beach	Toowo Faecal	on Bay	Blu Faecal	e Bay	Blue Faecal	Lagoon
			coliforms (cfu/100 mL)	Enterococci (mpn/100 mL)	coliforms (cfu/100 mL)	Enterococci (mpn/100 mL)	coliforms (cfu/100 mL)	Enterococci (mpn/100 mL)	coliforms (cfu/100 mL)	Enterocoo (mpn/100 r
07/01/2025	15/01/2025	20/01/2025	7	~6	5	<1	<1	<1	1	<1
09/01/2025	17/01/2025	22/01/2025	35	36	44	28	12	~8	6	~2
14/01/2025	26/01/2025	28/01/2025	57	11	16	~5	53	~6	6	10
21/01/2025	27/01/2025	28/01/2025	10	~15	22	55	1	<1	4	<1
28/01/2025	31/01/2025	05/02/2025	22	32	~150	15	~2200	31	~90	17
04/02/2025	07/02/2025	10/02/2025	1	~1	9	<1	<1	<1	3	~1
6/2/2025	10/02/2025	13/02/2025	3	~1	3	~1	3	<1	6	~9
1/02/2025	14/02/2025	17/02/2025	16	18	360	590	45	52	~69	34
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## **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: Composite sampling point prior to outlet to sand dune disposal area Licence Period: 1 January 2025 – 31 December 2025

Publishing Date: 18 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)	p,p-DDD	p,p-DDE	p,p-DDT
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
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
Minimum val	ue																										1
Mean value																											1
Median value	•																										1
Maximum va	lue																										1
Limit of labo	ratory 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
-			T							PO	LLUTIO	N MONI	TORINO	<b>DATA</b>	RESU	LTS											
Collected		Published		1	<u> </u>		<u> </u>	1		1	1		1	1		I						1	1	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
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n/a means not available.

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## 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 1942

EPL No. 1942 – Bateau Bay Sewage Treatment System

Licence Period: 1 January 2025 – 31 December 2025

Publishing Date: 18 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		(**=)		()		()		()		()		
2/01/2025	6,769	2/02/2025	7,198												1
3/01/2025	6,797	3/02/2025	6,643												
4/01/2025	7,254	4/02/2025	6,376												1
5/01/2025	7,077	5/02/2025	6,461												1
6/01/2025	6,650	6/02/2025	6,282												1
7/01/2025	7,495	7/02/2025	6,167												1
8/01/2025	16,588	8/02/2025	6,606												1
9/01/2025	12,949	9/02/2025	6,902												1
10/01/2025	9,482	10/02/2025	7,318												1
11/01/2025	8,466	11/02/2025	6,661												1
12/01/2025	7,932	12/02/2025	6,939												1
13/01/2025	7,226	13/02/2025	6,198												1
14/01/2025	6,744	14/02/2025	5,966												1
15/01/2025	8,806	15/02/2025	6,479												1
16/01/2025	18,644	16/02/2025	6,656												1
17/01/2025	14,171	17/02/2025													1
18/01/2025	21,483	18/02/2025													
19/01/2025	11,468	19/02/2025													1
20/01/2025	9,396	20/02/2025													
21/01/2025	7,556	21/02/2025													1
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													1
26/01/2025	7,745	26/02/2025													1
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

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

Publishing Date: 18 February 2025

EPL No. 1942 – Bateau Bay 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 36,000 kilolitres/day															
Licence N	<i>Ionitoring</i>	Frequency for	flow is dail	y. The licence	prescribes	a limit of 36,00	00 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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EPL No 1942 - S	EPL No 1942 - Summary of non-compliant data												
Date	Parameter	Result	Cause	Action taken									