#### 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 2024 – 31 December 2024

Publishing Date: 1 February 2024

	·	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)
icense Conce	ntration Limits						
0 percentile			30	10	6.5 - 8.5	50	30
ollution Monit	oring Data Sumr	nary (provided at	t the end of repo	orting period)			
0 percentile							-
Collected	Obtained	Published	BOD (mg/L)	O&G (mg/L)	рН	TSS (mg/L)	Ammonia
09/01/2024	19/01/2024	24/01/2024	6	<5	7.6	2	19.1
00/01/2021	10/01/2021	21/01/2021	Ŭ	10	7.0	-	10.1
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		ult is below the limit a					

< : 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.

	noon (Lic Pt 8)									
Publishing	goon (Lic Pt 8) Date: 1 Februa	ary 2024								
	ICE STATUS				., .	· ·				
I he licence Collected	Obtained	scribe concent Published					Diu	o Pov	Blue	Lagoon
Collected	Obtained	Published	Faecal	Beach Enterococci	Toowo Faecal	ON Bay Enterococci	Faecal	e Bay Enterococci	Faecal	Lagoon Enterococo
			coliforms (cfu/100 mL)	(mpn/100 mL)	coliforms (cfu/100 mL)	(mpn/100 mL)	coliforms (cfu/100 mL)	(mpn/100 mL)	coliforms (cfu/100 mL)	(mpn/100 m
04 January 2024	09 January 2024	15 January 2024	7	~1	7	~2	3	<1	4	27
09 January 2024	15 January 2024	20 January 2024	~71	26	420	230	14	11	~120	54
16 January 2024	22 January 2024	27 January 2024	1	~1	12	~4	17	~6	45	36
23 January 2024	29 January 2024	4 February 2024	34	42	16	11	410	83	~65	13
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FAECAL COLIFORM & ENTEROCOCCI MONITORING DATA

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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 2023 – 31 December 2023

#### Publishing Date: 1 February 2024

### **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	b,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	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Minimum value																										
Mean value																										
Median value																										
Maximum value																										
Limit of laboratory detection	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
	1							PO	LLUTIO	N MONI	TORING	G DATA	RESU	LTS												
Collected Obtained Published		1								1	1	1					1	1								<u> </u>
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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 2023 – 31 December 2023

Publishing Date: 1 February 2024

## **COMPLIANCE STATUS**

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

Date	Flow	Date	Flow	Date	Flow	Date	Flow	Date	Flow	Date	Flow	Date	Flow	Date	Flow
	(kL)	Date	(kL)	Date	(kL)	Date	(kL)	Date	(kL)	Date	(kL)	Date	(kL)	Date	(kL)
1/01/2024	7,267														
2/01/2024	7,545														
3/01/2024	7,141														
4/01/2024	6,991														
5/01/2024	6,587														
6/01/2024	6,918														
7/01/2024	6,860														
8/01/2024	6,517														
9/01/2024	6,421														
10/01/2024	6,356														
11/01/2024	6,545														
12/01/2024	7,482														
13/01/2024	7,225														
14/01/2024	6,649														
15/01/2024	9,269														
16/01/2024	6,953														
17/01/2024	8,120														
18/01/2024	9,864														
19/01/2024	7,148														
20/01/2024	6,773														
21/01/2024	6,712														
22/01/2024	5,878														
23/01/2024	5,909														
24/01/2024	6,238														
25/01/2024	6,371														
26/01/2024	6,938														
27/01/2024	6,641														
28/01/2024	6,692														
29/01/2024															
30/01/2024															
31/01/2024															

# 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: 1 February 2024

EPL No. 1942 – Bateau Bay Sewage Treatment System

Licence Period: 1 January 2023 – 31 December 2023

COMPLIANCE STATUS Licence Monitoring Frequency for flow is daily. The licence prescribes a limit of 36,000 kilolitres/day															
Licence N	/lonitoring	Frequency for	flow is dail	y. The licence	prescribes	a limit of 36,00	00 kilolitres	s/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 - Summa	EPL No 1942 - Summary of non-compliant data         Date       Parameter         Result       Cause         Action taken													
Date	ate Parameter		Cause	Action taken										
11/01/2023	11/01/2023 Ammonia		Cause is unknown but foaming from the clarifier outlet pit suggests that a surfactant may have been dumped during the holiday period.	Plant operations are currently being stabilised after reseeding of the aeration basin with biomass										