



**POLLUTION MONITORING DATA**

**Licensee:** Central Coast Council, PO Box 21 Gosford NSW 2250

**EPL No. 1802**– Kincumber Sewage Treatment Plant

**Location of Pollution Monitoring Point:** Ocean outfall tunnel, combined treated effluent from Kincumber and Woy Woy sewage treatment plants

**Licence Period:** 1 June 2024 – 31 May 2025

**Publishing Date:** 19 December 2024

**COMPLIANCE STATUS**

Licence Monitoring Frequency for below pollutant is twice per year. The licence does not prescribe concentration limits for these pollutants.

Unit	Aldrin	alpha-BHC	beta-BHC	Cadmium	Chlordane (cis & trans)	Chromium	Copper	Dieldrin	Endosulfan	Endrin	Gamma-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene	Lead	Mercury	Methoxychlor	p,p-DDD	p,p-DDE	p,p-DDT	PCBs	Selenium	Zinc
No. Samples Collected	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Minimum value																							
Mean value																							
Median value																							
Maximum value																							
Limit of laboratory detection	0.01	0.01	0.01	0.1	0.01	0.2	0.5	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.1	0.3	0.01	0.01	0.01	0.01	0.1	0.2	1

**POLLUTION MONITORING DATA RESULTS**

Collected	Obtained	Published	Aldrin	alpha-BHC	beta-BHC	Cadmium	Chlordane (cis & trans)	Chromium	Copper	Dieldrin	Endosulfan	Endrin	Gamma-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene	Lead	Mercury	Methoxychlor	p,p-DDD	p,p-DDE	p,p-DDT	PCBs	Selenium	Zinc	
25/06/2024	08/07/2024	13/07/2024	<0.01	<0.01	<0.01	<0.1	<0.01	0.5	2.9	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.2	<0.3	<0.01	<0.01	<0.01	<0.01	<0.1	<0.2	18	
17/09/2024	01/10/2024	08/09/2024	<0.01	<0.01	<0.01	<0.1	<0.01	0.3	1.9	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.1	<0.3	<0.01	<0.01	<0.01	<0.01	<0.5	<0.2	20	

<: 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 21 Gosford NSW 2250

**EPL No. 1802**– Kincumber Sewage Treatment Plant

**Location of Monitoring Point:** Discharge to ocean outfall tunnel, combined treated effluent from Kincumber and Woy Woy sewage treatment plants

**Licence Period:** 1 June 2024 – 31 May 2025

**Publishing Date:** 19 December 2024

**COMPLIANCE STATUS**

Licence Monitoring Frequency for flow is daily. The licence prescribes a limit of 150,000 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)
1/06/2024	82,454	1/07/2024	53,177	1/08/2024	44,844	1/09/2024	44,835	1/10/2024	47,674	1/11/2024	49,742	1/12/2024	46,485		
2/06/2024	138,652	2/07/2024	68,922	2/08/2024	45,710	2/09/2024	44,677	2/10/2024	45,017	2/11/2024	53,103	2/12/2024	45,059		
3/06/2024	70,997	3/07/2024	67,220	3/08/2024	45,881	3/09/2024	43,726	3/10/2024	42,024	3/11/2024	48,796	3/12/2024	42,306		
4/06/2024	60,849	4/07/2024	64,788	4/08/2024	45,224	4/09/2024	43,725	4/10/2024	45,662	4/11/2024	43,624	4/12/2024	41,654		
5/06/2024	56,913	5/07/2024	63,578	5/08/2024	44,679	5/09/2024	42,921	5/10/2024	46,431	5/11/2024	44,112	5/12/2024	41,664		
6/06/2024	75,633	6/07/2024	68,478	6/08/2024	45,286	6/09/2024	43,630	6/10/2024	42,913	6/11/2024	76,040	6/12/2024	42,747		
7/06/2024	76,521	7/07/2024	59,848	7/08/2024	44,276	7/09/2024	43,952	7/10/2024	44,404	7/11/2024	43,594	7/12/2024	41,746		
8/06/2024	63,974	8/07/2024	58,608	8/08/2024	44,368	8/09/2024	42,358	8/10/2024	73,893	8/11/2024	45,983	8/12/2024	46,854		
9/06/2024	59,553	9/07/2024	59,632	9/08/2024	44,178	9/09/2024	43,352	9/10/2024	42,221	9/11/2024	44,420	9/12/2024	52,224		
10/06/2024	57,165	10/07/2024	56,623	10/08/2024	45,062	10/09/2024	42,448	10/10/2024	43,324	10/11/2024	44,716	10/12/2024	44,584		
11/06/2024	54,035	11/07/2024	53,921	11/08/2024	45,863	11/09/2024	43,329	11/10/2024	42,445	11/11/2024	41,808	11/12/2024	40,907		
12/06/2024	53,670	12/07/2024	53,105	12/08/2024	46,295	12/09/2024	45,920	12/10/2024	40,852	12/11/2024	46,612	12/12/2024	41,865		
13/06/2024	52,253	13/07/2024	51,841	13/08/2024	47,795	13/09/2024	44,867	13/10/2024	42,601	13/11/2024	51,293	13/12/2024	43,442		
14/06/2024	55,297	14/07/2024	50,355	14/08/2024	51,153	14/09/2024	44,321	14/10/2024	45,503	14/11/2024	45,398	14/12/2024	42,786		
15/06/2024	84,505	15/07/2024	49,800	15/08/2024	57,506	15/09/2024	44,245	15/10/2024	46,793	15/11/2024	43,084	15/12/2024	43,719		
16/06/2024	67,195	16/07/2024	48,979	16/08/2024	52,155	16/09/2024	44,114	16/10/2024	75,470	16/11/2024	43,221	16/12/2024	38,814		
17/06/2024	59,493	17/07/2024	49,936	17/08/2024	50,285	17/09/2024	43,882	17/10/2024	42,481	17/11/2024	47,074	17/12/2024			
18/06/2024	55,834	18/07/2024	48,807	18/08/2024	47,506	18/09/2024	43,979	18/10/2024	41,724	18/11/2024	47,511	18/12/2024			
19/06/2024	53,217	19/07/2024	48,390	19/08/2024	46,686	19/09/2024	43,776	19/10/2024	44,320	19/11/2024	43,227	19/12/2024			
20/06/2024	51,777	20/07/2024	48,713	20/08/2024	46,486	20/09/2024	43,429	20/10/2024	43,262	20/11/2024	43,806	20/12/2024			
21/06/2024	51,547	21/07/2024	48,467	21/08/2024	46,739	21/09/2024	43,334	21/10/2024	41,904	21/11/2024	42,495	21/12/2024			
22/06/2024	53,950	22/07/2024	47,443	22/08/2024	45,541	22/09/2024	42,851	22/10/2024	12,952	22/11/2024	42,869	22/12/2024			
23/06/2024	62,088	23/07/2024	46,939	23/08/2024	47,060	23/09/2024	42,771	23/10/2024	42,848	23/11/2024	43,078	23/12/2024			
24/06/2024	58,165	24/07/2024	46,345	24/08/2024	44,915	24/09/2024	42,596	24/10/2024	46,081	24/11/2024	43,113	24/12/2024			
25/06/2024	50,048	25/07/2024	46,217	25/08/2024	44,861	25/09/2024	41,821	25/10/2024	48,585	25/11/2024	43,251	25/12/2024			
26/06/2024	51,639	26/07/2024	46,008	26/08/2024	45,178	26/09/2024	58,639	26/10/2024	43,717	26/11/2024	43,730	26/12/2024			
27/06/2024	50,972	27/07/2024	46,734	27/08/2024	44,937	27/09/2024	53,309	27/10/2024	44,035	27/11/2024	43,480	27/12/2024			
28/06/2024	50,401	28/07/2024	47,911	28/08/2024	47,481	28/09/2024	46,752	28/10/2024	42,781	28/11/2024	41,157	28/12/2024			
29/06/2024	50,401	29/07/2024	46,078	29/08/2024	44,590	29/09/2024	45,706	29/10/2024	41,141	29/11/2024	41,883	29/12/2024			
30/06/2024	53,186	30/07/2024	46,052	30/08/2024	46,554	30/09/2024	49,470	30/10/2024	42,028	30/11/2024	44,215	30/12/2024			
		31/07/2024	45,428	31/08/2024	45,329			31/10/2024	41,869			31/12/2024			



Summary of non-compliant data				
Date	Parameter	Result	Cause	Action taken