



Molong Sewage Treatment Plant EPL No. 1623 Monitoring Results (1/04/2024 to 31/03/2025)

Monitoring results-complaints

Month Description	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
Total Number of Complaints	0	0	0	0	0	0	0	0	0			
Pollution complaint category	0	0	0	0	0	0	0	0	0			
Air	0	0	0	0	0	0	0	0	0			
Water	0	0	0	0	0	0	0	0	0			
Noise	0	0	0	0	0	0	0	0	0			
Waste	0	0	0	0	0	0	0	0	0			
Other	0	0	0	0	0	0	0	0	0			

Monitoring Point 1
 No. of samples required by Licence: 1/mo
 No. of times collected and analysed: 1/Mo

Monitoring Results-Polutants

Pollutant	Date Unit	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Lowest Sample	Mean Sample	Highest Sample	Limits
		WN2404879-002 22/04/2024	WN2405472-002 06/05/2024	WN2406784-002 03/06/2024	EN2405998-002 01/07/2024	EN24083475-002 05/08/2024	EN2411518-002 23/09/2024	EN2413009-002 15/10/2023	EN2414172-002 04/11/2024	EN2415855-002 02/12/2024							
BOD	mg/L	5	4	9	22	8	3	15	7	6				3	8.777778	22	30
Faecal Coliforms	CFU/100ml	0	10	2	1	60	10	260	140	360				0	93.66667	360	600
Nitrogen (total)	mg/L	5.8	7.2	10.4	7.4	11	9	2.5	5.2	7.5				2.5	7.3	11	15
Oil & Grease	mg/L	2	3	2	2	2	4	2	2	2				2	2.333333	4	10
pH	pH	7.88	7.81	7.78	6.37	7.71	7.82	6.32	8.69	8.39				6.32	7.64	8.46	6.5-8.5
Phosphorus (Total)	mg/L	3.36	3.73	3.02	3.64	3.32	4.12	2.18	3.73	3.43				2.18	3.39	4.12	10
Total Kjeldahl Nitrogen	mg/L	3.8	4.1	4	1.8	5.7	9	2.5	3	4.8				1.8	4.30	9	10
TSS	mg/L	21	9	8	6	17	11	9	17	15				6	12.56	21	50
Exceedance Yes / No		N	N	N	N	N	N	N	Y	N							
Reason for Exceedance:									Due to algae growth.								

Monitoring Point 1
 No. of samples required by Licence: 1/day
 No. of times collected and analysed: 1/day

Monitoring Results-Volume Discharged

Month	Unit of Measure	No of measurements made	Lowest results	Mean result	Highest Sample Value	Limits (KL/day)	Times daily limit was exceeded in the month
APR	KL/Day	30	0	609	2920	900	5
MAY	KL/Day	30	0	13	56	900	0
JUN	KL/Day	Offline				900	
JUL	KL/Day	Offline				900	
AUG	KL/Day	31	0	322	647	900	0
SEP	KL/Day	28	56	356	624	900	0
OCT	KL/Day	31	0	380	850	900	0
NOV	KL/Day	20	0	147	303	900	0
DEC	KL/Day	31	0	324	820	900	0
JAN	KL/Day					900	
FEB	KL/Day					900	
MAR	KL/Day					900	

The flow meter was out of service for part of the month.