



## Molong Sewage Treatment Plant EPL No. 1623 Monitoring Results

Reporting Month: Feb 2019

### License Discharge Point 1

No of samples required by license: 1 / month

No of times collected and analysed: 1 / Month

### Monitoring Results

Pollutant	Units of measure	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Lowest sample value	Mean sample value	Highest sample value	Limits
		18.04.18	16.05.18	04.06.18	03.07.18	06.08.18	26.09.18	xx.xx.xx	26.11.18	xx.xx.xx	xx.xx.xx	04.02.19	xx.xx.xx				
BOD	mg/L	11	3	4	3	5	4		11			8		3	6.125	11	30
Faecal Coliforms	CFU/100ml	<90	~<9	<90	<9	<9	<9		<9			<9		<9	19.125	<90	600
Nitrogen (total)	mg/L	3.7	3.7	10.6	16.6	12.4	4.2		2.8			3.7		2.8	7.21	16.6	15
Oil & Grease	mg/L	<2	2	2	<2	2	<2		2			2		<2	2	2	10
pH	pH	9.27	8.06	7.72	7.73	8.3	9.29		10.9			9.51		7.72	8.84	10.9	6.5-8.5
Phosphorus (total)	mg/L	3.6	5.6	6.6	5.4	4.3	5.10		1.30			2.5		1.3	4.3	6.6	10
Total Kjeldahl Nitrogen	mg/L	3.6	2.6	6.7	6.7	3.3	1.9		2.8			3.3		1.9	3.86	6.7	10
TSS	mg/L	44	<5	11	<5	13	19		57			29		<5	22.875	57	50
Exceedance Yes / No		Yes	No	No	Yes	No	Yes		Yes			Yes					

Reason for exceedance during the reporting month: Prior to pH adjustment

## License Discharge Point 1 Volume Discharged

### Monitoring Results

Month	Unit of Measure	Frequency	No of measurements made	Lowest results	Mean result	High result	Limits
APR	KL/Day	Daily	30	348	451.93	572	900KL/Day
MAY	KL/Day	Daily	31	343	479.03	931	900KL/Day
JUN	KL/Day	Daily	30	320	522.07	933	900KL/Day
JUL	KL/Day	Daily	28	319	489.82	891	900KL/Day
AUG	KL/Day	Daily	26	18	544.46	1150	900KL/Day
SEP	KL/Day	Daily	30	453	585.9	1647	900KL/Day
OCT	KL/Day	Daily	31	305	564.52	998	900KL/Day
NOV	KL/Day	Daily	30	314	582.77	1515	900KL/Day
DEC	KL/Day	Daily	31	145	841.68	2044	900KL/Day
JAN	KL/Day	Daily	31	331	578.45	1164	900KL/Day
FEB	KL/Day	Daily	28	396	491.68	914	900KL/Day
MAR	KL/Day	Daily	31	392	562.42	1022	900KL/Day

## Molong Sewage Treatment Plant Complaints for the reporting month

### Monitoring Results

Number of complaints	0
Pollution complaint category	
Air	0
Water	0
Noise	0
Waste	0
Other	0

**Monitoring Point 3: 200m downstream of Point 1 in Molong Creek**

Reporting Month: March 2019

No of samples required by license: 1 / year

No of times collected and analysed: 1 / year

**Monitoring Results**

Pollutant	Units of measure	MONTH	No of samples required by license	No of samples you collected and analysed
		26.03.19		
BOD	mg/L	8	1/year	1 /year
Faecal Coliforms	CFU/100ml	~800	1/year	1 /year
Nitrogen (total)	mg/L	1.4	1/year	1 /year
Oil & Grease	mg/L	<2	1/year	1 /year
pH	pH	7.51	1/year	1 /year
Phosphorus (total)	mg/L	1.44	1/year	1 /year
Total Kjeldahl Nitrogen	mg/L	1.2	1/year	1 /year
TSS	mg/L	6	1 /year	1 /year

Reason for exceedance during reporting period: .....

**Monitoring Point 4: 100m upstream of Point 1 in Molong Creek:**

Reporting Month: March 2019

No of samples required by license: 1 / year

No of times collected and analysed: 1 / year

**Monitoring Results**

Pollutant	Units of measure	MONTH	No of samples required by license	No of samples you collected and analysed
		26.03.19		
BOD	mg/L	5	1/year	1 /year
Faecal Coliforms	CFU/100ml	~200	1/year	1 /year
Nitrogen (total)	mg/L	0.4	1/year	1 /year
Oil & Grease	mg/L	<2	1/year	1 /year
pH	pH	7.54	1/year	1 /year
Phosphorus (total)	mg/L	<0.01	1/year	1 /year
Total Kjeldahl Nitrogen	mg/L	0.1	1/year	1 /year
TSS	mg/L	<5	1 /year	1 /year

Reason for exceedance during the reporting period: .....