

MERRIWA SEWAGE TREATMENT WORKS - LICENCE TESTING
OUTLET OF FINAL TERTIARY POND -EPA LICENCE TESTING
Monitoring Point 1

Licence No: 4661

Date Sampled			2/Feb/17	9/May/17	1/Aug/17	29/Nov/17							
Effective Month			Feb/17	May/17	Aug/17	Nov/17							
Parameters Monitored	100 percentile limits	90 percentile limit					Min	Average	Max	Licence Period			
	License Limit (mg/l)	PQL limits (mg/l)								50%	90%		
BOD5	20		11.00	25.00	27.00	17.00	4	11.00	20.00	27.00	21	26.4	
Nitrogen (Ammonia)			0.65	0.76	27.10	6.30	4	0.65	8.70	27.10	3.53	20.86	
Nitrogen (Total)			5.05	5.26	26.20	11.30	4	5.05	11.95	26.20	8.28	21.73	
Oil and Grease	10		2.00	2.00	2.00	2.00	4	2.00	2.00	2.00	2	2	
Total Phosphorus			3.60	1.40	3.93	4.10	4	1.40	3.26	4.10	3.765	4.049	
Total Suspended Solids	30		19.00	47.00	26.00	25.00	4	19.00	29.25	47.00	25.5	40.7	

 Indicates results exceed the licence limits Indicates result was < the number given

MERRIWA RIVER - UPTREAM -EPA LICENCE TESTING
Monitoring Point 3

Date Sampled			2/Feb/17	9/May/17	1/Aug/17	29/Nov/17							
Effective Month			Feb/17	May/17	Aug/17	Nov/17							
Parameters Monitored	100 percentile limits	90 percentile limit					Min	Average	Max	Licence Period			
	License Limit (mg/l)	PQL limits (mg/l)								50%	90%		
BOD5			2.00	2.00	3.00	3.00	4	2.00	2.50	3.00	2.5	3	
Nitrogen (Ammonia)			0.05	0.05	0.05	0.05	4	0.05	0.05	0.05	0.05	0.05	
Nitrogen (Total)			0.65	0.55	0.70	0.60	4	0.55	0.63	0.70	0.625	0.685	
Oil and Grease			2.00	2.00	2.00	2.00	4	2.00	2.00	2.00	2	2	
Total Phosphorus			0.26	0.22	0.17	0.23	4	0.17	0.22	0.26	0.225	0.251	
Total Suspended Solids			19.00	19.00	20.00	26.00	4	19.00	21.00	26.00	19.5	24.2	

 Indicates result was < the number given

MERRIWA RIVER - DOWNTREAM -EPA LICENCE TESTING
Monitoring Point 4

Date Sampled			2/Feb/17	9/May/17	1/Aug/17	29/Nov/17							
Effective Month			Feb/17	May/17	Aug/17	Nov/17							
Parameters Monitored	100 percentile limits	90 percentile limit					Min	Average	Max	Licence Period			
	License Limit (mg/l)	PQL limits (mg/l)								50%	90%		
BOD5			2.00	2.00	2.00	2.00	4	2.00	2.00	2.00	2	2	
Nitrogen (Ammonia)			0.05	0.05	0.05	0.05	4	0.05	0.05	0.05	0.05	0.05	
Nitrogen (Total)			0.45	0.25	0.20	0.40	4	0.20	0.33	0.45	0.325	0.435	
Oil and Grease			2.00	2.00	2.00	2.00	4	2.00	2.00	2.00	2	2	
Total Phosphorus			0.28	0.25	0.18	0.16	4	0.16	0.22	0.28	0.215	0.271	
Total Suspended Solids			4.00	11.00	12.00	9.00	4	4.00	9.00	12.00	10	11.7	

 Indicates result was < the number given