

**SCONE SEWAGE TREATMENT WORKS - LICENSE TESTING
EFFLUENT IRRIGATION PUMP SHED -EPA LICENCE TESTING
Monitoring Point 1**

Licence No: 2654

Date Sampled			28/Oct/15	11/Nov/15	16/Dec/15	27/Jan/16	24/Feb/16	21/Mar/16	11/Apr/16	9/May/16	6/Jun/16	11/Jul/16	8/Aug/16	19/Sep/16						
Effective Month			Oct/15	Nov/15	Dec/15	Jan/16	Feb/16	Mar/16	Apr/16	May/16	Jun/16	Jul/16	Aug/16	Sep/16						
Parameters Monitored	100 percentile limits	90 percentile limit													Licence Period					
	License Limit (mg/l)	PQL limits (mg/l)													Min	Average	Max	50%	90%	
pH			8.10	8.20	8.50	8.80	8.10	9.26	8.74	8.20	8.00	7.90	8.10	8.00	12	7.90	8.33	9.26	8.15	8.794
Total Nitrogen			4.20	4.10	1.90	1.50	2.19	2.90	2.50	3.60	5.10	6.60	14.10	5.50	12	1.50	4.52	14.10	3.85	6.49
Total Phosphorus			4.30	5.00	3.40	2.60	2.40	2.02	1.96	5.30	4.20	5.50	4.50	3.90	12	1.96	3.76	5.50	4.05	5.27
BOD5			6.00	9.00	11.00	6.00	6.00	5.00	12.00	6.00	7.00	5.00	7.00	7.00	12	5.00	7.25	12.00	6.5	10.8
Total Suspended Solids			55.00	46.00	66.00	43.00	16.00	58.00	46.00	42.00	94.00	84.00	38.00	59.00	12	16.00	53.92	94.00	50.5	82.2
Oil and Grease			2.00	2.00	2.00	2.00	2.00	8.00	2.00	2.00	2.00	2.00	2.00	2.00	12	2.00	2.50	8.00	2	2

Indicates result was < the number given

**OVERFLOW DRAIN TO KINGDON PONDS - EPA LICENSE TESTING
Monitoring Point 2**

Date Sampled			28/Oct/15	11/Nov/15	16/Dec/15	27/Jan/16	24/Feb/16	21/Mar/16	11/Apr/16	9/May/16	6/Jun/16	11/Jul/16	8/Aug/16	19/Sep/16						
Effective Month			Oct/15	Nov/15	Dec/15	Jan/16	Feb/16	Mar/16	Apr/16	May/16	Jun/16	Jul/16	Aug/16	Sep/16						
Parameters Monitored	100 percentile limits	90 percentile limit													Licence Period					
	License Limit (mg/l)	PQL limits (mg/l)													Min	Average	Max	50%	90%	
pH	6.8 - 8.5							9.07			8.10	7.80	7.80	7.80	5	7.80	8.1	9.07		9.07
Total Nitrogen								6.20			3.40	16.10	10.70	6.10	5	3.40	8.5	16.10		16.1
Total P								2.82			4.00	5.30	3.70	4.30	5	2.82	4.0	5.30		5.3
BOD5	20							6.00			8.00	10.00	16.00	6.00	5	6.00	9.2	16.00		16
Total Suspended Solids	30							36.00			16.00	5.00	8.00	12.00	5	5.00	15.4	36.00		36
Oil and Grease	10							2.00			2.00	2.00	2.00	2.00	5	2.00	2.0	2.00		2

Exceed Licence Limits

Indicates result was < the number given

Note: No Reading means there was no overflow to the Kingdon Pond during the sampling day