

Discharge Limit Exceeded	
suspect data	
Value < actual number shown	

1 Characterisation Values - Tests from Final Manhole Effluent

Parameter	Units	Consent value	90 Percentile	Median	10 Percentile	90 Percentile	Average	Maximum	Aug & Sept samples were not tested for ecoli											
									06-Jul-11	03-Aug-11	13-Sep-11	05-Oct-11	01-Nov-11	02-Dec-11	11-Jan-12	01-Feb-12	01-Mar-12	03-Apr-12	03-May-12	06-Jun-12
Suspended Solids	g/cum	15		25	3	412	141	530	10	40	3	530	3	430	3	3	240	250	182	3
cBOD5	g/cum	15		1.9	1.0	4.3	2.6	10.0	10	1	1.9	4.4	1	1.5	1	1	2	3	2	2
Ammoniacal-N	g/cum			0.064	0.010	0.264	0.53	5.4	5.4	0.032	0.27	0.010	0.21	0.010	0.084	0.064	0.11	0.010	0	0.101
NO3-N	g/cum	40		59	37	65	52	72	36	58	49	0.002	64	72	41	59	59	58	65	65
E coli	MPN/100mL			220	92	6480	4872	45000	45000			220	2200	100	100	260	150	20	400	270
pH	units			7.1	6.9	7.3	7.1	7.3	7.05	6.85	6.95	7.0	7.01	7.2	6.65	7.28	7.27	7.25	7.23	7.08
Conductivity	uS/cm			1315	838	1492	1174	1850	1087	946	1270	1366	1458	826	1850	1496	1315	1427	1215	
Temperature	°C			16.8	11.8	20.6	16.6	21.3	11.6	11.5	13.7	15	14.9	18.9	20.5	21.3	20.6	19.8	16.8	14.5
Dissolved Oxygen				8.0	4.2	9.0	7.0	9.6	4.23	9.61	3.82	9	4.2	8.5	7.39	4.76	7.43	8.2	8.6	8.03

2 Daily Discharge Volume

Parameter	Units	Consent value	Maximum	Median	10 Percentile	90 Percentile	Average	Maximum	05-Jul-11	06-Jul-11	29-Jul-11	03-Aug-11	05-Aug-11	14-Aug-11	25-Aug-11	31-Aug-11	06-Sep-11	12-Sep-11	04-Oct-11	05-Oct-11	11-Oct-11	18-Oct-11	01-Nov-11	08-Nov-11	15-Nov-11
Avg Daily Flow	m3/day	12		3.08	1.37	5.9	3.74	10.80	4.57	4.83	9.91	4.60	1.50	5.89	1.64	1.83	2.83	0.83	4.14	6.00	2.83	5.86	3.07	4.14	1.71

22-Nov-11	29-Nov-11	01-Dec-11	06-Dec-11	15-Dec-11	21-Dec-11	30-Dec-11	04-Jan-12	10-Jan-12	16-Jan-12	26-Jan-12	01-Feb-12	09-Feb-12	15-Feb-12	28-Feb-12	01-Mar-12	07-Mar-12
2.43	3.57	2.50	3.40	2.78	10.17	5.89	10.80	9.00	4.00	0.60	2.17	2.75	2.50	3.08	4.50	4.17

13-Mar-12	23-Mar-12	29-Mar-12	03-Apr-12	13-Apr-12	20-Apr-12	03-May-12	07-May-12	15-May-12	22-May-12	29-May-12	06-Jun-12	13-Jun-12	19-Jun-12	26-Jun-12
3.50	5.00	2.83	3.60	2.80	3.00	2.62	3.00	5.13	4.43	3.29	0.38	1.14	0.83	1.43

3 Characterisation Values - Tests from Final Manhole Effluent

Parameter	Units	2008-09 Median	2009-10 Median	2010-11 Median	2011-12 Median
Suspended Solids	g/cum	8.10	117.50	8	25
cBOD5	g/cum	7.75	6.40	4.2	1.9
Ammoniacal-N	g/cum	4.80	5.55	5.6	0.06
NO3-N	g/cum	33.5	34	45	59
E coli	MPN/100mL	28000	11500	14300	220
pH	units	6.17	6.06	6.3	7.08
Conductivity	uS/cm	659	582	738	1315
Temperature	°C	17.05	16.55	17.7	16.8
Dissolved Oxygen		4.23	5.39	2.5	8.03