

## 2013

Monitoring Point one

### Concentrations (mg/L unless stated otherwise)

Laboratory Testing Results		Date Sampled (Licence: Monthly Monitoring)	BOD (mg/l)	Oil & Grease (mg/l)	Total Nitrogen	Total Kjeldahl Nitrogen	Total Oxidised Nitrogen	Total Suspended Solids (mg/l)	Total Phosphorus	pH (pH units)	Ammonia nitrogen	EC (dS/m)	Average Daily Volume at point 1 (KL)	Weighted Adjusted volume	RAINFALL (mm)
Obtained	Published	<i>Licence Limits:</i>	20	10			30					5			
07-Dec-12		16-Oct-12	5	2	15.2	13.70	1.50	38	5.20	8.80	5.90	1.14	1613.0		4.0
11-Mar-13		13-Nov-12	2	2	9.8	8.40	1.40	33	6.00	8.50	5.70	1.18	1651.0		54.0
12-Mar-13		11-Dec-12	7	2	6.2	4.80	1.40	18	2.80	8.80	2.30	1.08	1492.0		40.0
13-Mar-13		15-Jan-13	8	2	5.6	5.60	0.04	65	1.60	9.40	0.05	0.98	2118.0		147.5
14-Mar-13		12-Feb-13	8	2	4.5	4.20	0.27	81	2.90	9.00	0.23	0.87	2343.0		66.0
19-Apr-13	29-Apr-13	12-Mar-13	8	2	5.7	5.60	0.07	122	2.00	9.20	0.02	0.87	2709.0		76.0
31-May-13	18-Jun-13	16-Apr-13	8	2	3.8	3.50	0.30	37	3.25	8.60	0.47	0.98	1733.0		3.0
21-Jun-13	27-Jun-13	14-May-13	11	2	6.8	5.30	1.50	37	4.45	8.60	1.70	1.07	1774.0		9.5
06-Sep-13		24-Jun-13	5	2	8.0	4.20	3.80	12	4.35	8.50	1.50	1.01	1828.0		44.0
20-Sep-13		23-Jul-13	2	2	8.6	6.70	1.90	23	4.20	8.20	4.60	0.94	1824.0		26.5
04-Oct-13		21-Aug-13	1	2	9.9	8.40	1.50	30	4.25	8.20	5.00	1.04	1748.0		2.0
08-Nov-13		25-Sep-13	2	2	14.4	7.80	6.60	25	4.85	8.30	0.51	1.06	1642.0		30.0
													22475		
<b>Number of Samples</b>			12	12	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00			
<b>Lowest sample value</b>			1	2	3.80	3.50	0.04	12.00	1.60	8.20	0.02	0.87			
<b>Mean of samples</b>			6	2	8.2	6.5	1.7	43.4	3.82	8.7	2.3	1.0			
<b>Highest sample value</b>			11	2	15.20	13.70	6.60	122.00	6.00	9.40	5.90	1.18			
<b>50 percentile</b>			6	2	7.40	5.60	1.45	35.00	4.23	8.60	1.60	1.03			
<b>90 percentile</b>			8	2	13.95	8.40	3.61	79.40	5.17	9.18	5.63	1.13			
<b>100 percentile</b>			11	2	15.20	13.70	6.60	122.00	6.00	9.40	5.90	1.18			

Monitoring Point 2

Laboratory Testing Results		Date Sampled (Licence: Monthly Monitoring)	BOD (mg/l)	Oil & Grease (mg/l)	Total Nitrogen	Total Kjeldahl Nitrogen	Total Oxidised Nitrogen	Total Suspended Solids (mg/l)	Total Phosphorus	pH (pH units)	Ammonia nitrogen	EC (dS/m)	Average Daily Volume at point 2 (KL)
<b>Obtained</b>	<b>Published</b>	<b>License Limit</b>	<b>20</b>	<b>10</b>				<b>30</b>				<b>5.0</b>	
07-Dec-12		16-Oct-12	2	2	17.2	14.6	2.60	14	4.40	8.0	8.20	1.17	
11-Mar-13		13-Nov-12	3	2	12.4	10.8	1.60	99	6.10	8.4	11.00	1.14	
11-Mar-13		11-Dec-12	4	2	15.6	14.3	1.30	24	5.80	8.5	7.80	1.04	
11-Mar-13													191
11-Mar-13		12-Feb-13	4	2	5.17	4.20	0.97	20	4.30	8.4	0.49	0.84	575
19-Apr-13	29-Apr-13	12-Mar-13	7	2	6.10	4.80	1.30	54	4.90	8.2	0.18	0.92	
31-May-13		16-Apr-13											380
21-Jun-13	27-Jun-13	14-May-13	18	2	17.40	15.90	1.50	23	5.15	8.3	9.50	1.06	694
02-Sep-13		24-Jun-13	2	2	9.60	7.80	1.80	8	4.70	8.1	6.90	1.04	1665
20-Sep-13		23-Jul-13	2	2	7.40	6.20	1.20	3	4.00	8.0	6.20	0.95	1866
04-Oct-13		21-Aug-13	2	2	10.20	9.00	1.20	4	4.15	8.1	5.80	1.05	1298
08-Nov-13		25-Sep-13	2	2	15.78	15.10	0.68	3	5.55	8.1	11.30	1.02	705
		<b>Number of Samples</b>	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	
24-Aug-12		<b>Lowest sample value</b>	1.90	1.90	5.17	4.20	0.68	3.00	4.00	8.00	0.18	0.84	
24-Aug-12		<b>Mean of samples</b>	4.58	1.94	11.69	10.27	1.42	25.20	4.91	8.21	6.74	1.02	
		<b>Highest sample value</b>	18.00	1.99	17.40	15.90	2.60	99.00	6.10	8.50	11.30	1.17	
29-Oct-12		<b>50 percentile</b>	2.50	1.90	11.30	9.90	1.30	17.00	4.80	8.15	7.35	1.04	
		<b>90 percentile</b>	8.10	1.99	17.22	15.18	1.88	58.50	5.83	8.41	11.03	1.14	
		<b>100 percentile</b>	18.00	1.99	17.40	15.90	2.60	99.00	6.10	8.50	11.30	1.17	