Sample Point No.	Units	Screening Value	May				June		
			W01B	W02B	W03B	W04B	W01B	W02B	W03B
pH		**6 to 9**		8.3	8.0	8.3		7.5	7.5
Conductivity	**µS/cm**			720	530	740		830	680
Alkalinity	**$CaCO_3$**			330	360	370		410	320
Ammoniacal N	**mg/l**			0.19	0.044	0.27		0.086	0.37
Copper	**ug/l**	**1**		1.4	1.1	1.1		12	5.2
Manganese	**ug/l**	**50**		21	4.6	16		2.9	5.1
Ammonia	**mg/l**			0.025	<0.010	0.035		<0.010	<0.010
Sodium	**mg/l**	**200**		9.5	16	11		42	37
Cadmium	**ug/l**	**0.25**		1.0	<0.080	0.012		<0.080	<0.080
Chloride	**mg/l**	**250**		25	31	25		27	30
Sulphate	**mg/l**	**250**		82	76	82		65	75
BOD	**O_2/mg/l**			<4.0	<4.0	<4.0		<4.0	<4.0
COD	**O_2/mg/l**			<10	<10	<10		15	<10
Calcium	**mg/l**			130	140	140		110	110
Chromium	**ug/l**	**50**		<1.0	3.6	1.1		2.3	2.1
Iron	**ug/l**	**200**		570	350	530		410	390
Lead	**ug/l**	**1.2**		<1.0	<1.0	<1.0		<1.0	<1.0
Magnesium	**mg/l**			3.3	6.7	3.6		7.1	7.1
Mercury	**ug/l**			<0.50	<0.50	<0.50		<0.50	<0.50
Nickel	**ug/l**	**4**		2.9	3	2.5		3.6	3.8
Potassium	**mg/l**			<0.50	1.4	<0.50		9.6	9.8
Selenium	**ug/l**			1.7	1.3	1.7		2.1	2.1
Zinc	**ug/l**	**14.3**		2700	240	2600		460	360
TPH C6-C40								<10	<10

	July				August				Septe	
W04B	W01B	W02B	W03B	W04B	W01B	W02B	W03B	W04B	W01B	W02B
7.6		8.2	8.4	8.4		7.5	7.4	7.5		7.8
730		870	780	770		200	200	250		840
310		210	210	210		47	42	73		100
0.61		0.39	0.12	0.43		0.054	0.019	0.022		1.2
7.6		<1.0	<1.0	1.7		1.0	1.4	1.1		1.3
4.7		14	7.1	15		15	10	19		31
0.017		0.041	0.020	0.068		<0.010	<0.010	<0.010		0.051
39		11	15	15		10	10	11		12
<0.080		<0.080	<0.080	<0.080		<0.080	<0.080	<0.080		<0.080
27		52	51	55		15	15	15		17
76		75	76	76		14	15	12		19
<4.0		<4.0	<4.0	<4.0		<4.0	<4.0	<4.0		22
<10		<10	<10	<10		<10	10	12		58
110		160	140	140		25	24	33		150
1.9		<1.0	<1.0	3.3		<1.0	<1.0	<1.0		<1.0
410		320	170	360		31	40	60		370
<1.0		<1.0	<1.0	<1.0		<1.0	<1.0	<1.0		<1.0
7.1		3.5	6.6	6.7		4.7	4.8	4.5		4.3
<0.50		<0.50	<0.50	<0.50		<0.50	<0.50	<0.50		<0.50
3.3		1.0	1.3	2.6		<1.0	<1.0	<1.0		1.6
9.4		0.69	1.3	1.3		3.8	3.8	4.2		<0.50
2.1		<1.0	<1.0	<1.0		<1.0	<1.0	<1.0		1.2
460		610	810	2300		38	70	2.1		280
<10		<10	<10	<10		<10	<10	<10		<10

ember		October				November				
W03B	W04B	W01B	W02B	W03B	W04B	W01B	W02B	W03B	W04B	W01B
7.1	7.0		7.9	8.3	8.1		7.4	7.8	7.7	
720	800		800	770	730		810	640	710	
65	100		230	310	310		300	220	320	
1.1	1.0		0.03	0.093	0.065		0.16	0.16	0.22	
2.1	1.6		<1.0	<1.0	<1.0		<1.0	<1.0	<1.0	
10	38		29	10	7.4		7.7	<1.0	4	
<0.010	<0.010		<0.010	0.011	<0.010		<0.010	<0.010	<0.010	
16	12		8.8	13	15		10	14	14	
<0.080	<0.080		<0.080	<0.080	<0.080		<0.080	<0.080	<0.080	
17	17		25	32	77		24	29	29	
18	19		86	80	81		86	81	81	
<4.0	<4.0		<4.0	<4.0	<4.0		<4.0	<4.0	<4.0	
16	36		<10	<10	<10		11	12	<10	
130	140		130	120	120		150	110	130	
<1.0	<1.0		1.9	2.5	2.5		1.7	3.8	3.7	
320	410		280	240	230		480	300	340	
<1.0	<1.0		<1.0	<1.0	<1.0		<1.0	<1.0	<1.0	
7.2	3.9		5.0	8.5	8.5		3.5	6.3	6.6	
<0.50	<0.50		<0.50	<0.50	<0.50		<0.50	<0.50	<0.50	
2.6	2.0		2.2	5.5	4.9		4	3.1	4.4	
0.66	<0.50		0.75	1.0	0.96		0.62	0.91	1.2	
1.5	1.2		1.4	1.2	1.2		1.2	<1.0	1.1	
280	370		17	120	39		15	1.6	57	
<10	<10						<10	<10	<10	

December			January				Febr	
W02B	W03B	W04B	W01D	W02D	W03D	W04D	W01D	W02D
7.8	7.4	7.5		8	8.1			8.2
960	740	820		740	850			840
230	240	240		290	240			350
0.05	0.047	0.045		1	0.051			0.78
<1.0	<1.0	<1.0		<1	1.8			7.7
10	21	2.2		7.2	1.2			1.9
<0.010	<0.010	<0.010		0.068	<0.010			0.085
33	16	25		9.2	27			13
<0.080	<0.080	<0.080		<0.080	<0.080			<0.080
74	33	50		22	59			25
190	89	130		79	140			90
<4.0	<4.0	<4.0		<4	<4			<4
16	<10	<10		<10	11			23
170	150	150		160	140			190
<1.0	<1.0	<1.0		8	11			2.5
350	330	290		910	810			1100
<1.0	<1.0	<1.0		<1.0	<1.0			<1
19	7.9	14		7.2	1.2			1.9
<0.50	<0.50	<0.50		<0.50	0.86			<0.50
<1.0	2.5	1		3.8	2.3			<1
1.9	1.3	1.7		0.66	1.6			1.1
1.8	1.5	1.5		1.5	3.5			1.4
12	17	28		14	19			8.7
<10	<10	<10		<10	<10			<10

uary			March				April	
W03D	W04D	W01D	W02D	W03D	W04D	W01D	W02D	W03D
8.2	8.2		7.6	7.8	7.8		6.9	7.2
740	960		840	700	680		820	830
330	300		310	300	300		350	390
0.59	0.35		0.54	1.1	0.44		0.34	0.32
<1	1.9		<1.0	<1.0	<1.0		<1.0	<1.0
1.2	1.9		19	21	21		9.4	1.2
0.064	0.04		0.016	0.084	0.021		<0.010	<0.010
16	37		11	11	11		11	16
<0.080	<0.080		<0.080	<0.080	<0.080		<0.080	<0.080
29	73		53	27	24		<1.0	<1.0
79	180		83	81	83		82	77
<4	<4		<4.0	<4.0	<4.0		<4.0	<4.0
18	47		19	<10	37		19	19
160	160		160	160	160		170	140
3.2	3		<1.0	<1.0	3.4		<1.0	<1.0
920	980		400	480	800		430	340
<1	<1		<1.0	<1.0	<1.0		<1.0	<1.0
1.2	1.9		4.3	4.3	4.5		4.3	7.2
<0.50	<0.50		<0.50	<0.50	<0.50		<0.50	<0.50
<1	1.1		2.5	2.8	2.7		1.3	<1.0
0.83	5.1		0.84	0.82	0.78		0.82	1.2
2.3	1.3		1.3	1.9	1.5		<1.0	<1.0
8	16		48	49	48		21	6.4
<10	<10		<10	<10	<10			

	July				October			
W04D	W01D	W02D	W03D	W04D	W01D	W02D	W03D	W04D
7.2						7.1	7.4	7.5
770		820	680	810		830	710	890
400		290	240	410		190	170	160
0.21		0.3	0.14	0.067		1.2	1.2	1.1
<1.0		<1.0	<1.0	<1.0		< 1.0	< 1.0	< 1.0
1.7		9	1.1	11		41	9.4	2.8
<0.010		<0.010	0.01	<0.010		0.011	0.019	0.024
17		12	18	8.9		16	19	34
<0.080		<0.080	<0.080	<0.080		< 0.080	< 0.080	< 0.080
<1.0		24	27	10		25	30	77
86		82	71	41		98	85	190
<4.0		<4.0	<4.0	<4.0		< 4.0	< 4.0	< 4.0
20		<10	<10	<10		< 10	< 10	25
140		170	140	180		240	180	140
<1.0		<1.0	<1.0	<1.0		6.7	3.1	3
390		390	290	350		1800	730	610
3.0		<1.0	<1.0	<1.0		< 1.0	< 1.0	< 1.0
8.1		5.3	8.7	8.5		7.5	9.9	22
<0.50		<0.50	0.77	0.55		< 0.50	< 0.50	< 0.50
<1.0		1.6	1.1	<1.0		2.9	1.3	< 1.0
1.2		1	1.8	2.5		2	2	2.2
1.1		2	<1.0	<1.0		1.1	1.2	1.9
73		81	8.7	26		19	5.8	5.6
		<10	<10	<10		<10	<10	<10

Jan				August				Oct	
W01D	W02D	W03D	W04D	W01D	W02D	W03D	W04D	W01D	W02D
	8	8.2		7.3	7.1	7.3	7.2		7.6
	840	700		600	850	740	910		660
	220	240		290	320	280	300		340
	0.16	0.16		0.18	0.1	0.093	<0.05		0.5
	< 1.0	< 1.0		<1.0	<1.0	1	3.2		1.6
	17	16		160	16	2.6	4.5		3.7
	0.011	0.016		<0.05	<0.05	<0.05	<0.05		< 0.050
	10	15		15	9.9	15	13		10
	<0.080	<0.080		<0.08	<0.08	<0.08	<0.08		< 0.080
	22	29		12	22	29	34		22
	87	82		35	80	77	100		77
	5	< 4.0		<4.0	<4.0	<4.0	5.5		7
	< 10	< 10		20	11	11	13		< 10
	170	140		81	150	140	160		170
	2	2.4		<1.0	1	4.7	5.2		6.6
	310	230		310	450	310	400		570
	< 1.0	< 1.0		<1.0	<1.0	<1.0	<1.0		< 1.0
	4.9	7		17	5.6	7.9	8.8		6.1
	< 0.50	< 0.50		<0.01	<0.01	<0.01	<0.01		< 0.010
	2.5	22		1.7	2	<1.0	1		1.1
	0.85	1.3		3.5	1.4	2.1	4.2		1.5
	1	1		<1.0	<1.0	<1.0	<1.0		< 1.0
	26	6.9		<1.0	17	10	540		37
	<10	<10		<10	<10	<10	<10		< 10

ɔber			November			January			
W03D	W04D		W02D	W03D	W04D	W01D	W02D	W03D	W04D
7.8			8	8	8.3	7.1	7	7.2	
540			790	690	880	850	840	720	
340			310	310	330	230	280	150	
0.46			1.9	1.5	1.2	3.3	2.5	1.4	
2.3			1.1	1.5	3.1	1.1	< 1.0	< 1.0	
3.9			2.6	< 1.0	2	13	3.2	< 1.0	
< 0.050			0.13	0.11	0.14	< 0.050	< 0.050	< 0.050	
14			11	15	15	10	10	15	
< 0.080			< 0.080	< 0.080	< 0.080	0.17	< 0.080	< 0.080	
28			22	27	35	24	22	12	
71			81	77	100	76	76	43	
10			4.6	4.6	< 4.0	< 4.0	< 4.0	< 4.0	
16			< 10	10	< 10	< 10	< 10	18	
130			230	120	160	170	170	140	
7.7			1.6	4.3	10	1.1	4.2	5.7	
510			270	250	350	310	260	200	
< 1.0			< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
8.7			7.1	8.3	12	6.1	5.6	8.8	
< 0.010			< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	
< 1.0			1.1	< 1.0	1.9	2.8	< 1.0	< 1.0	
2.7			0.88	2.4	3.7	1.1	1.6	1.7	
< 1.0			< 1.0	< 1.0	1.3	< 1.0	3.8	2.2	
26			16	7.8	320	18	68	3.3	
< 10			< 10	< 10	<10	< 10	< 10	< 10	

February				May				Ju	
W01D	W02D	W03D	W04D	W01D	W02D	W03D	W04D	W01D	W02D
7.9	8.1	8.1			7.9	8			7.7
770	790	720			670	530			880
470	490	510			380	330			440
1.2	0.75	0.86			< 0.050	< 0.050			0.059
< 1.0	< 1.0	< 1.0			< 1.0	< 1.0			< 1.0
12	25	< 1.0			7.3	< 1.0			< 0.50
0.057	0.06	0.065			< 0.050	< 0.050			< 0.050
11	11	18			9.3	15			7.5
< 0.080	0.2	< 0.080			< 0.080	< 0.080			< 0.080
22	22	32			22	28			22
80	75	75			71	67			54
4	4.5	4.8							
16	18	19							
190	180	120			180	140			180
< 1.0	2.8	5.2			< 1.0	< 1.0			< 1.0
740	1100	590			340	240			370
< 1.0	< 1.0	< 1.0			< 1.0	< 1.0			< 1.0
7.9	6	9.1			5.5	4.5			2.9
< 0.010	< 0.010	< 0.010			< 0.010	< 0.010			7
1.7	< 1.0	< 1.0			2.6	< 1.0			1.6
1.3	6.1	2.7			0.59	0.85			0.61
7.2	7.3	7.4			< 1.0	1			< 1.0
9.2	25	3.4			24	9.1			< 1.0
< 10	< 10	< 10			< 10	< 10			< 10

ily	
W03D	W04D
7.8	
700	
210	
< 0.050	
< 1.0	
< 0.50	
< 0.050	
15	
< 0.080	
26	
68	
120	
< 1.0	
240	
< 1.0	
4.7	
4.6	
< 1.0	
0.92	
< 1.0	
< 1.0	
< 10	

min	av	max	median	95th percentile	Standard deviation
6.9	7.72	8.4	7.8	8.3	0.42
200	739.03	960	770	889.5	150.16
42	279.79	510	300	438.5	102.56
0.019	0.57	3.3	0.33	1.56	0.65
1	2.70	12	1.6	7.685	2.74
1.1	13.72	160	9.4	33.1	22.17
0.01	0.05	0.14	0.04	0.124	0.04
7.5	15.60	42	14	36.85	7.95
0.012	0.35	1	0.185	0.88	0.44
10	30.69	77	27	73.1	15.96
12	78.44	190	79	139.5	34.54
4	7.85	22	5.25	17.8	6.03
10	19.86	58	18	43	11.27
24	144.24	240	140	189.5	38.00
1	3.86	11	3.15	8.5	2.43
31	446.15	1800	355	977	292.03
3	3.00	3	3	3	
1.2	6.82	22	6.6	13.9	3.75
0.55	2.76	7	0.86	6.52	2.91
1	2.87	22	2.5	4.85	3.18
0.59	2.15	9.8	1.3	6.595	2.13
1	2.05	7.4	1.5	7.21	1.65
1.6	228.99	2700	26	959	566.77
0		0			

	Units	DWS	EQS	Minimum	Average	Maximum	Median
pH		6.5 - 9.5	6.5 - 9.5	6.90	7.72	8.40	7.80
Conductivity	uS/cm	2500	1000	200	739	960	770
Alkalinity	mg/l	n/a	n/a	42	280	510	300
Ammoniacal N	mg/l	0.5	0.3	0.02	0.57	3.30	0.33
Copper	ug/l	2000	1	1.00	2.70	12.00	1.60
Manganese	ug/l	50	123	1.10	13.72	160.00	9.40
Ammonia	ug/l	n/a	n/a	0.01	0.05	0.14	0.04
Sodium	mg/l	200	n/a	7.50	15.60	42.00	14.00
Cadmium	ug/l	5	0.25	0.01	0.35	1.00	0.19
Chloride	mg/l	250	n/a	10.00	30.7	77.0	27.0
Sulphate	mg/l	250	n/a	12.00	78.4	190.0	79.0
BOD	n/a	n/a	n/a	4.00	7.85	22.00	5.25
COD	n/a	n/a	n/a	10.00	19.86	58.00	18.00
Calcium	mg/l	n/a	n/a	24.00	144.24	240.00	140.00
Chromium	ug/l	50	n/a	1.00	3.86	11.00	3.15
Iron	ug/l	200	1000	31.00	446	1800	355
Lead	ug/l	10	1.2	3.00	3.00	3.00	3.00
Magnesium	mg/l	n/a	n/a	1.20	6.82	22.00	6.60
Mercury	ug/l	1	0.07	0.55	2.76	7.00	0.86
Nickel	ug/l	20	4	1.00	2.87	22.00	2.50
Potassium	mg/l	n/a	n/a	0.59	2.15	9.80	1.30
Selenium	ug/l	n/a	10	1.00	2.05	7.40	1.50
Zinc	ug/l	n/a	12.9	1.60	228.99	2700.00	26.00

Exceedance of most conservative EQS
Exceedance of DWS

95th percentile	Standard deviation
8.30	0.42
890	150.16
439	102.56
1.56	0.65
7.69	2.74
33.10	22.17
0.12	0.04
36.85	7.95
0.88	0.44
73.1	15.96
139.5	34.54
17.80	6.03
43.00	11.27
189.50	38.00
8.50	2.43
977	292.03
3.00	-
13.90	3.75
6.52	2.91
4.85	3.18
6.60	2.13
7.21	1.65
959.00	566.77