



Sample Point	Sample Date	pH/pH meter (field) (pH Units)	EC/EC (field) (μS/cm)	pH by PC Titrator (Lab) - (pH units)	EC by PC Titrator (Lab) - (μS/cm)	TDS/TDS (mg/L)	Hydroxide Alkalinity as CaCO3	Carbonate Alkalinity as CaCO3	Bicarbonate Alkalinity as CaCO3	Total Alkalinity as CaCO3	TSS/TSS (mg/L)	Turbidity (NTU)	Sulphate as SO4 2- (mg/L)	Chloride (mg/L)	Ca/Ca (mg/L)	Mg/Mg (mg/L)	Na/Na (mg/L)	K/K (mg/L)	Total Anions (meq/L)	Total Cations (meq/L)	Ionic Balance (%)	Total metals Boron (mg/L)	Total metals Iron (mg/L)	Total Metals														Total Mercury (mg/L)	Total Cyanide (mg/L)	Fluoride (mg/L)		
																								Aluminium (mg/L)	Arsenic (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Cobalt (mg/L)	Copper (mg/L)	Lead (mg/L)	Nickel (mg/L)	Strontium (mg/L)	Zinc (mg/L)									
8N Harrow Creek	4/02/2008	8.31	690																																							
Harrow Creek	28/01/2008			7.16	250	338	1	1	29	29			14	35	8	6	22	7	1.86	2.01																						
Harrow Creek	6/02/2008					488	1	1	71	71			53	94	20	15	66	9	5.17	5.36	1.74																					
Harrow Creek	19/02/2008	8.04	652	7.69	675						42		61	109								0.6	4.21	2.69	0.002	0.0001	0.002	0.002	0.006	0.003	0.006		0.01	0.0001				0.1				
Harrow Creek DS	21/02/2008	7.53	1062	7.97	1030						56		109	176								0.6	3.54	2.37	0.002	0.0001	0.002	0.001	0.008	0.003	0.006		0.014	0.0001				0.2				
Harrow Creek DS	18/02/2008	7.85	458	7.58	460						70		40	76								0.6	5.91	2.92	0.002	0.001	0.002	0.002	0.006	0.004	0.006		0.011	0.0001				0.2				
Harrow Creek DS	26/02/2008	7.83	580	7.77	604						56		47	84	19	16	69	9				0.1	3.17	1.84	0.002	0.0007	0.001	0.002	0.008	0.003	0.006		0.03	0.0001	0.004			0.1				
Harrow Creek DS	11/03/2008	8.08	890	8.12	878		1	1	197	197	4		55	112	54	32	80	11				0.1	0.14	0.06	0.001	0.0001	0.001	0.001	0.004	0.001	0.003	0.511	0.005	0.0001	0.004			0.2				
Harrow Creek DS	28/03/2008	7.74	527																																							
Harrow Creek DS	6/05/2008			8.39	2760						22	4.6	373	362								0.1	0.24	0.23	0.001	0.0001	0.001	0.001	0.002	0.001	0.008		0.005	0.0001	0.045			0.3				
Harrow Creek US	7/02/2008			7.95	741						29		63	137	22	18	102	9				<0.1	2.38	1.38	0.001	0.0001	0.002	0.001	0.003	0.001	0.004		0.009	0.0001	0.004			0.1				
Harrow Creek US	18/02/2008	7.57	447	7.48	481						44		38	71								0.6	5.08	2.93	0.002	0.0001	0.003	0.002	0.012	0.004	0.006		0.013	0.0001				0.1				
Harrow Creek US	21/02/2008	8.03	1068	7.95	970						72		106	178								0.8	4.74	2.46	0.002	0.0001	0.001	0.001	0.008	0.002	0.006		0.01	0.0001				0.1				
Harrow Creek US	26/02/2008	7.15	292	7.47	291						15		16	41	15	11	24	8				0.1	1.9	1.03	0.001	0.0002	0.001	0.001	0.006	0.002	0.004		0.007	0.0001	0.004			0.1				
Harrow Creek US	11/03/2008	7.5	381	7.48	384		1	1	73	73	8		19	51	21	14	31	9				0.1	1.57	0.44	0.001	0.0001	0.001	0.001	0.004	0.001	0.004	0.186	0.005	0.0001	0.004			0.1				
Harrow Creek US	17/03/2008	7.2	475	7.77	463						17	16.1	22	64								0.1	2.22	0.65	0.001	0.0001	0.001	0.001	0.005	0.001	0.004		0.009	0.0001	0.023			0.1				
Harrow Creek US	28/03/2008	7.55	617																																							
Harrow Creek Pipe	6/05/2008			8.11	2690						9	1.9	376	318								0.2	0.05	0.02	0.001	0.0002	0.001	0.001	0.002	0.001	0.011		0.008	0.0001	0.004			0.3				
Harrow Creek Pipe	12/05/2008			8.22	2450						8	1.6	417	376								0.1	0.05	0.04	0.001	0.0152	0.001	0.001	0.002	0.001	0.012		0.008	0.0001	0.004			0.6				
Harrow Creek BAR	20/01/2008	6.3	130																																							
Cherwell Creek	22/01/2008	7.3	177																																							
Cherwell Creek	28/01/2008			7.13	200	320	1	1	24	24			8	32	8	4	16	7	1.54	1.61																						
Cherwell Creek	6/02/2008					2160	1	1	106	106			8	33	33	11	13	8	3.22	3.29	1.03																					
Cherwell Creek	21/02/2008	8.15	256	7.5	246						36		15	37								0.6	3.78	2.76	0.001	0.0001	0.002	0.001	0.005	0.003	0.004		0.01	0.0001				0.1				
Cherwell Creek US	26/02/2008	7.79	356	7.79	356						7		19	44	24	11	27	9				0.1	0.75	0.59	0.001	0.0002	0.001	0.001	0.007	0.001	0.003		0.007	0.0001	0.004			0.1				
Cherwell Creek US	28/03/2008	7.31	309																																							
Cherwell Creek DS	26/02/2008	8.02	353	7.76	347						12		14	54	19	12	30	9				0.1	1.36	1.17	0.001	0.0001	0.001	0.001	0.006	0.001	0.004		0.006	0.0001	0.004			0.1				
Cherwell Creek DS	28/03/2008	6.99	237																																							
Cherwell Creek DS	21/05/2008			6.58	129	88							3																													
Median		7.655	452.5	7.765	472	338	1	1	72	72	22	3.25	39	76	20	12	30	9	2.54	2.65	1.385	0.1	2.22	1.17	0.001	0.0001	0.001	0.001	0.006	0.001	0.006	0.3485	0.009	0.0001	0.004			0.1				
WQO																								0.055	0.024	0.002	0.001		0.0014	0.0034	0.011		0.008									

DATE	Ammonia as N - soluble (mg/L)	Oxygen (Dissolved) (mg/L)	Dissolved Oxygen (%sat)	Total Phosphorus as P (mg/L)	Total React P sol(mg/L)	Potassium as K (mg/L)	Sodium as Na (mg/L)	Sulphate as SO4 (mg/L)	Aluminium as Al soluble (mg/L)	Boron as B (mg/L)	Copper as Cu soluble mg/L	Flouride as F (mg/L)	Iron as Fe soluble (mg/L)	Manganese as Mn soluble (mg/L)	Silica as SiO2 soluble (mg/L)	Zinc as Zn soluble (mg/L)	Chlorophyll-a (ug/L)
6/07/1984							24	12									
6/07/1984							4	3				0.1					
9/12/1971							37					0.25					
20/03/1972							7.5	20								18	
25/09/1973							4.7	13					0.13			4.7	10
12/12/1973							4.8	18					0.12			12	
30/04/1974							4.7	16					0.22			12	
30/04/1974							4.2	24	10.7							14	
17/09/1974							4.5	24					0.1			13	
16/04/1975							4.4	25	5				0.1			9	
16/04/1975							6.2	22	8				0.2			13	
14/04/1976							4.9	10	7				0.2			15	
21/04/1977							4.2	11	7.5				0.2			15	
6/13/1977							4.8	15	10				0.2			15	
3/02/1978							5.3	22	12				0.2			15	
3/02/1978							5	21	10				0.2			15	
4/02/1978							5.6	34	16				0.2			15	
4/02/1978							4.3	52	28				0.2			12	
5/02/1978							3	10	11				0.1			12	
5/02/1978							4	11	10				0.1			12	
5/02/1978							1.9	14	12				0.1			9	
6/02/1978							2.5	12	10				0.2			9	
7/02/1978							2.4	14	10				0.1			10	
7/02/1978							2.4	13	7				0.1			11	
7/02/1978							2.5	12	7				0.1			11	
28/02/1981							4	34	9				0.1			13	
28/02/1981							5.2	4	13				0.1			15	
2/12/1981							3.8	52	16		0.06		0.1	0.06		11	
9/06/1983							5	46	9		0.06		0.1	0.04		13	
13/12/1983							2.8	7.1	13				0.1	1.7		18	
16/12/1988							5.1	40	13		0.04		0.2	0.06		9	
16/12/1988							4.7	76	34		0.03		0.1			10	
25/06/1989							4	93	35	0.05	0.1	0.01	0.2	0.01	0.01	13	0.01
25/06/1989							4.7	157	47.1		0.07		0.15			10.6	
7/12/1989							6.1	112.8	52.7	0.03	0.1	0.06	0.17			13.2	0.02
20/06/1990							8.3	230.2	117.7		0.1	0.06	0.16			9.7	
6/03/1991							5.3	38.5	14.3		0.1	0.04	0.1			13.4	
6/03/1991							4.3	19.6	9.6	0	0	0.02	0.17	0.01	0	11.6	0
7/02/1995	0.02			0.1575	0.0027												
7/02/1995		5.18	64														14
7/02/1995						6.5	37.5	12.1	0	0.1	0.02	0.16	0.04	0.01	10.9	0	
7/03/1995				0.0653													
7/03/1995	0.0366				0.0023												27
7/03/1995						5.5	25.4	2.5	0.02	0.1	0.05	0.15	0.81	0.01	9.7	0.01	
30/03/1995				0.1749													
30/03/1995	0.0241				0.0021												
30/03/1995						5	22.8	5.1	0.03	0.1	0.02	0.15	0.03	0.01	12.5	0.01	
14/12/1995				0.047													
14/12/1995	0.053				0.004												0
14/12/1995		6.36	82			5.7	20.8	3.64	0	0	0	0.14	0	0	14.7	0	
31/01/1996					0.0153												
31/01/1996	0.0142				0.0033												10
31/01/1996		5	61			2.3	9.4	1.45	0	0	0.01	0.14	0	0	6	0	
25/02/1997					1.524												
25/02/1997	0.0094				0.0286												9
25/02/1997						2.6	19.7	5.15	0	0	0.01	0.19	0	0	7.2	0.01	
26/02/1997				0.5664													
26/02/1997	0.0395				0.009												
26/02/1997		6.27	76														
6/05/1998																	
24/11/1998																	
24/03/2000																	
Median	0.0241	6.3	82	0.1575	0.0033	4.7	21.5	10	0	0.065	0.02	0.15	0.035	0.005	12	0.01	10
WQO																	

Water Quality Monitoring Data by Bureau Veritas

Site	Sample Date	Conductivity @ 25C (uS/cm)	Turbidity (NTU)	pH	TSS (mg/L)	TN (mg/L)	NH4 (mg/L)	TP (mg/L)	Chlorophyll-a
Site 1	17/01/2008	270	136	7.34	39	0.5	0.141	0.17	1
	1/02/2008	na			39	0.5	0.141	0.17	
	10/03/2008	485		8.19	9	0.4	0.029	0.01	2
	14/08/2008	170		7.6		0.79	0.06		4
Site 2	22/01/2008	261		7.44	19	1.1	0.05	0.13	2
	6/03/2008	320	240	7.77	157	3.2	0.267	0.3	12
	14/08/2008	337		7.7		5.9	1.3		130
Site 3	22/01/2008	1941		7	28	2.1	0.017	0.06	1
	6/03/2008	337	3	7.65	15	0.8	0.027	0.01	1
Site 4	22/01/2008	190.3		7.83	36	1.6	0.035	0.08	1
	6/03/2008	396	1.2	8.03	12	0.6	0.023	0.01	1
Site 5	22/01/2008	248		6.87	65	3.4	0.201	0.62	1
	6/03/2008	237	240	7.16	38	2.4	0.201	0.31	2
	14/08/2008	488		7.3		2.3	0.04		0.01
Site 6	17/01/2008	289	246	7.21	56	0.9	0.101	0.25	1
	1/02/2008				56	0.9	0.101	0.25	
	10/03/2008	184		8.61	70	0.7	0.022	0.04	2
	14/08/2008	255		9.5		0.26	0.05		4.7
Site 7	15/08/2008	448		7.9		620	100	20	16
QWQO		720	25	6.5-7.5	na	250	10	30	na