Parameter	Units	BBDC 4.1	CNWG 4.4	CNWG 4.4	CNWG 4.4	CNWG 4.4	DEER 44.2	DEER 44.2	DEER 44.2
Date	mmddyyyy	08-17-2005	08-18-2005	11-08-2005	03-01-2006	05-03-2006	08-17-2005	10-26-2005	02-28-2006
Time	hhmm	13:05	12:10	08:30	13:05	10:45	11:05	10:00	11:35
Discharge	cfs	1.763	NA	31.277	14.958	13.311	11.357	30.69	16.795
Temperature	degree C	19.1	22.5	9.2	3.2	14.7	20.7	9.1	1.7
Conductance	umhos/cm	160	280	260	270	252	248	214	226
Dissolved Oxygen	mg/l	6.98	6.34	8.05	9.48	8.2	6.93	8.5	9.39
pH		6.9	7.05	7	7.5	7.7	7.5	7.5	7.2
Alkalinity	mg/l	20	334	32	32	36	44	54	38
Acidity	mg/l	6	6	2	6	4	4	2	4
Solids, Total	mg/l	136	236	214	162	230	180	146	194
Ammonia, Total	mg/l	<0.02	0.08	0.03	0.04	0.02	0.03	<0.02	0.03
Nitrite, Total	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrate, Total	mg/l	6.14	8.59	11.2	12.2	11.5	4.54	3.89	6.34
Nitrogen, Total	mg/l	6.26	9.2	10.87	12.2	11.53	4.62	3.99	6.53
Phosphorus, Total	mg/l	0.011	0.114	0.019	0.028	0.045	0.012	0.02	0.013
Orthophosphate, Total	mg/l	0.011	0.077	0.012	0.017	0.02	0.01	0.011	<0.01
Organic Carbon, Total	mg/l	1.1	5.34	2.17	1.21	2.13	2.15	2.34	0.9
Calcium	mg/l	10.861	18.5	20.2	18.7	20.3	19.6	18.4	15.8
Magnesium	mg/l	5.957	11.2	11.2	11	12	6.68	5.862	6.332
Chloride	mg/l	12.9	21.5	20.4	19.8	19.7	28.8	23.8	28.3
Sulfate	mg/l	3.09	13.2	13.4	14.1	12.8	6.25	8.5	5.91
Turbidity	ntu	1.11	8.09	1.71	3.36	5.48	1.25	2.59	2.96
Iron, Total	µg/l	69	274	202	166	220	98	187	153
Manganese, Total	µg/l	<10	34	<10	29	50	11	19	35
Aluminum, Total	µg/l	243	354	235	1421	1565	231	306	1261
Suspended Sediment	ppm	5	3	2	2	10	3	15	6

Parameter	Units	DEER 44.2	EBAU 1.5	EBAU 1.5	EBAU 1.5	EBAU 1.5	FBDC 4.1	LNGA 2.5	LNGA 2.5
Date	mmddyyyy	05-02-2006	08-17-2005	10-26-2005	02-28-2006	05-02-2006	08-17-2005	08-17-2005	10-26-2005
Time	hhmm	10:30	11:55	10:30	13:15	11:50	14:00	08:25	08:10
Discharge	cfs	16.444	4.962	10.7	8.226	8.331	0.926	1.069	5.371
Temperature	degree C	11.3	20.3	9.4	2.2	10.6	19.1	18.5	8.8
Conductance	umhos/cm	212	234	212	201	201	144	206	190
Dissolved Oxygen	mg/l	8.61	6.79	8.16	9.25	8.85	6.77	6.64	7.88
pH		7.1	7	6.65	7	6.95	6.7	7.3	6
Alkalinity	mg/l	28	32	36	34	24	14	36	30
Acidity	mg/l	6	6	10	6	4	8	8	12
Solids, Total	mg/l	166	186	148	186	182	122	182	152
Ammonia, Total	mg/l	<0.02	0.03	<0.02	0.07	0.07	0.03	0.05	0.08
Nitrite, Total	mg/l	<0.01	0.06	<0.01	<0.01	0.09	<0.01	<0.01	<0.01
Nitrate, Total	mg/l	5.4	6.02	5.16	6.72	6.19	5.67	5.97	5.54
Nitrogen, Total	mg/l	5.45	6.29	5.2	7.11	6.41	5.8	6.24	5.57
Phosphorus, Total	mg/l	0.081	0.055	0.04	0.03	0.051	0.014	0.027	0.059
Orthophosphate, Total	mg/l	0.064	0.044	0.033	0.018	0.03	0.01	0.021	0.049
Organic Carbon, Total	mg/l	1.51	2.29	2.4	1.18	1.74	1.42	1.69	3.28
Calcium	mg/l	17.8	16.4	16.3	13.1	14.6	9.345	16.6	16.9
Magnesium	mg/l	6.858	6.36	5.752	6.114	6.416	4.857	6.27	5.841
Chloride	mg/l	27.5	24.5	23.8	21.9	25.1	12.4	17.1	14.5
Sulfate	mg/l	5.56	7.12	9.3	5.99	5.73	2.29	5.99	10.5
Turbidity	ntu	1.58	1.75	2.27	2.19	1	1.44	11.7	7.21
Iron, Total	µg/l	105	190	210	149	152	116	510	265
Manganese, Total	µg/l	19	37	32	26	26	13	60	43
Aluminum, Total	µg/l	1462	218	268	1388	1491	239	535	358
Suspended Sediment	ppm	5	2	3	6	4	7	23	22

Parameter	Units	LNGA 2.5	LNGA 2.5	OCTO 6.6	OCTO 6.6	OCTO 6.6	OCTO 6.6	SCTT 3.0
Date	mmddyyyy	02-28-2006	05-02-2006	08-18-2005	10-26-2005	03-01-2006	05-03-2006	08-18-2005
Time	hhmm	09:05	08:15	10:40	13:00	10:55	09:25	08:15
Discharge	cfs	2.126	1.1	92.34	500	275	102	NA
Temperature	degree C	2.5	9.4	23.7	12.4	2.9	15.8	19
Conductance	umhos/cm	186	175	270	219	269	256	341
Dissolved Oxygen	mg/l	9.32	8.59	6.46	8.08	9.41	8.16	5.79
pH		7.2	7.05	7.7	7.4	7.5	7.9	7
Alkalinity	mg/l	24	32	440	48	46	70	80
Acidity	mg/l	6	4	6	10	4	4	8
Solids, Total	mg/l	170	166	208	164	190	224	256
Ammonia, Total	mg/l	0.03	0.02	0.1	0.06	0.05	0.03	0.04
Nitrite, Total	mg/l	<0.01	<0.01	0.06	0.15	<0.01	<0.01	<0.01
Nitrate, Total	mg/l	6.99	6.02	4.99	5.44	8.65	7.58	2.1
Nitrogen, Total	mg/l	7.22	6	5.48	5.9	8.86	7.56	2.08
Phosphorus, Total	mg/l	0.011	0.13	0.07	0.216	0.045	0.041	0.055
Orthophosphate, Total	mg/l	<0.01	0.102	0.046	0.159	0.027	0.016	0.044
Organic Carbon, Total	mg/l	0.85	1.41	3.58	5.15	2.18	2.35	1.84
Calcium	mg/l	14.4	16	19.4	17.1	21	20.6	22.9
Magnesium	mg/l	6.07	6.084	10.7	8.818	9.988	12	13.8
Chloride	mg/l	15.12	16	19.9	13	18.7	19	32.2
Sulfate	mg/l	7.14	5.97	18.3	16.5	19.9	18.7	19.6
Turbidity	ntu	3.01	3.62	5.84	20.69	4.02	2.96	1.22
Iron, Total	µg/l	111	148	212	1042	173	77	72
Manganese, Total	µg/l	28	50	44	93	38	29	16
Aluminum, Total	µg/l	1418	1443	338	988	1383	1391	215
Suspended Sediment	ppm	5	4	11	16	5	2	1

Parameter	Units	SCTT 3.0	SCTT 3.0	SCTT 3.0	SBCC 20.4
Date	mmddyyyy	10-26-2005	03-01-2006	05-02-2006	08-17-2005
Time	hhmm	11:45	08:15	13:45	09:15
Discharge	cfs	1.63	1.233	0.757	0.976
Temperature	degree C	10.8	3.3	12.6	18.8
Conductance	umhos/cm	290	261	248	160
Dissolved Oxygen	mg/l	7.78	8.83	8.37	6.87
pH		6.9	7.2	7.1	7.4
Alkalinity	mg/l	48	40	36	52
Acidity	mg/l	10	2	16	4
Solids, Total	mg/l	202	150	182	104
Ammonia, Total	mg/l	0.04	0.07	0.02	<0.02
Nitrite, Total	mg/l	<0.01	<0.01	<0.01	<0.01
Nitrate, Total	mg/l	2.33	2.65	2.02	2.05
Nitrogen, Total	mg/l	2.57	2.73	2.14	2.36
Phosphorus, Total	mg/l	0.063	0.028	0.061	0.01
Orthophosphate, Total	mg/l	0.065	0.027	0.05	<0.01
Organic Carbon, Total	mg/l	4.02	1.12	1.49	1.44
Calcium	mg/l	19.7	15.1	16.5	18.3
Magnesium	mg/l	12.5	9.685	10.7	3.95
Chloride	mg/l	30.4	36	33.7	8.71
Sulfate	mg/l	31.8	18.9	18.5	3.48
Turbidity	ntu	4.08	2.02	1.43	3.61
Iron, Total	μg/l	194	125	94	260
Manganese, Total	μg/l	32	40	12	24
Aluminum, Total	μg/l	322	1413	1402	300
Suspended Sediment	ppm	1	NA	1	12