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	07-24-2006	07-25-2006	10-18-2006	02-21-2007	05-10-2007	07-24-2006	10-17-2006	02-20-2007
Time	hhmm	12:05	11:00	10:15	11:15	11:00	10:30	10:40	11:00
Discharge	cfs	1.841	61.18	19.545	18.152	NA	25.666	13.023	21.419
Temperature	degree C	17.4	22.6	13.6	3.6	18.6	19.4	10.3	1.4
Conductance	umhos/cm	147	254	259	253	239	211	225	228
Dissolved Oxygen	mg/l	8.38	7.47	5.58	14.48	9.39	8.17	6.2	14.1
pH		6.9	7.28	6.6	7.1	7.1	7.3	6.8	7.1
Alkalinity	mg/l	20	36	34	22	32	32	22	26
Acidity	mg/l	4	4	6	2	4	2	6	4
Solids, Total	mg/l	160	270	216	160	166	202	118	180
Ammonia, Total	mg/l	<0.02	0.02	0.11	<0.02	0.03	<0.02	<0.02	<0.02
Nitrite, Total	mg/l	<0.01	<0.01	<0.01	<0.01	0.04	<0.01	<0.01	<0.01
Nitrate, Total	mg/l	6.49	10.3	9.71	12.1	11.1	5.31	5.32	6.5
Nitrogen, Total	mg/l	6.06	10.68	10.66	12.16	11.23	5.06	5.37	6.64
Phosphorus, Total	mg/l	0.011	0.064	0.43	0.016	0.021	0.016	0.357	0.011
Orthophosphate, Total	mg/l	<0.01	0.043	0.33	<0.01	0.015	0.01	0.324	<0.01
Organic Carbon, Total	mg/l	0.97	2.16	5.89	1.3	1.88	1.41	1.7	0.83
Calcium	mg/l	11.56	20.4	19.5	19.1	19.8	16.5	19	16.8
Magnesium	mg/l	5.742	11.7	11.7	10.7	10.4	6.101	7.02	6.43
Chloride	mg/l	13	19.6	20.6	20.5	19	26.9	28.8	33.4
Sulfate	mg/l	3.21	12.9	14	13.5	14.1	4.86	5.28	5.32
Turbidity	ntu	1.26	8.94	8.62	2.22	3.22	1.28	<1	1.45
Iron, Total	µg/l	128	335	545	117	156	142	72	109
Manganese, Total	µg/l	11	41	39	15	34	16	13	13
Aluminum, Total	µg/l	202	330	415	<200	<200	<200	<200	<200
Suspended Sediment	ppm	16	15	17			4	1	

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	05-09-2007	07-24-2006	10-17-2006	02-20-2007	05-09-2007	07-24-2006	07-24-2006	10-17-2006
Time	hhmm	11:00	11:10	11:55	11:30	11:30	12:55	08:00	08:20
Discharge	cfs	28.693	7.727	7.253	16.307	15.572	0.847	1.055	0.497
Temperature	degree C	14.7	18.7	10.8	4.1	14.4	17.7	17.1	11
Conductance	umhos/cm	196	227	209	211	209	127	191	192
Dissolved Oxygen	mg/l	10.35	8.09	6.14	12.56	10.2	8.38	7.25	5.75
pH		6.8	7.1	6.8	7	7.1	6.6	7.1	6.5
Alkalinity	mg/l	50	34	30	24	26	12	34	36
Acidity	mg/l	4	2	4	2	2	4	2	8
Solids, Total	mg/l	122	242	160	188	108	168	238	158
Ammonia, Total	mg/l	0.02	0.05	<0.02	<0.02	0.02	<0.02	0.04	0.03
Nitrite, Total	mg/l	<0.01	0.06	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrate, Total	mg/l	5.34	6.31	6.54	7.22	6.16	6.67	6.17	6.04
Nitrogen, Total	mg/l	5.27	6.12	6.68	7.35	6.07	6.31	6.6	6.1
Phosphorus, Total	mg/l	0.012	0.029	0.078	0.025	0.05	0.013	0.106	0.049
Orthophosphate, Total	mg/l	<0.01	0.02	0.073	0.013	0.037	<0.01	0.083	0.034
Organic Carbon, Total	mg/l	1.36	1.75	1.47	1.32	1.52	0.82	2.23	1.65
Calcium	mg/l	17.8	17.6	16.4	14.9	18.1	8.272	17.2	18.5
Magnesium	mg/l	6.21	6.368	6.39	6.21	6.27	4.547	5.946	6.28
Chloride	mg/l	26.4	29	24.5	27.4	29	11.9	17.3	17.5
Sulfate	mg/l	5.83	6.58	5.71	6.46	6.85	1.61	6.35	6.29
Turbidity	ntu	1.29	1.98	<1	1.01	<1	1.79	9.14	4.39
Iron, Total	µg/l	99	439	180	138	102	144	314	401
Manganese, Total	µg/l	17	70	31	18	19	16	113	79
Aluminum, Total	µg/l	<200	<200	<200	<200	<200	202	240	323
Suspended Sediment	ppm		6	2			9	26	12

Parameter	Units	LNGA 2.5	LNGA 2.5	OCTO 6.6	OCTO 6.6	OCTO 6.6	OCTO 6.6	SCTT 3.0	SCTT 3.0
Date	mmddyyyy	02-20-2007	05-09-2007	07-25-2006	10-18-2006	02-21-2007	05-10-2007	07-25-2006	10-17-2006
Time	hhmm	08:45	09:30	10:15	11:15	10:30	10:30	08:15	13:30
Discharge	cfs	2.019	1.874	121	63	150	201	0.666	0.297
Temperature	degree C	2.3	14.1	24.6	13.6	5.6	18.8	19.1	12.9
Conductance	umhos/cm	173	160	236	240	258	223	206	335
Dissolved Oxygen	mg/l	14.12	9.98	7.25	5.83	13.26	8.88	7.04	4.88
pH		6.6	6.35	7.65	6.85	7.3	7.3	6.85	6.8
Alkalinity	mg/l	22	26	50	34	42	40	46	38
Acidity	mg/l	2	2	2	4	4	2	4	16
Solids, Total	mg/l	168	108	228	184	160	166	172	236
Ammonia, Total	mg/l	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.08
Nitrite, Total	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrate, Total	mg/l	6.78	5.62	5.46	6.48	9.1	7.05	1.27	1.78
Nitrogen, Total	mg/l	6.89	5.57	5.98	6.75	9.34	7.2	1.71	2.02
Phosphorus, Total	mg/l	0.011	0.022	0.074	0.196	0.033	0.04	0.054	0.116
Orthophosphate, Total	mg/l	<0.01	0.018	0.028	0.164	<0.01	0.018	0.029	0.104
Organic Carbon, Total	mg/l	0.89	1.6	3.7	2.99	1.86	3.11	1.58	2.07
Calcium	mg/l	16.2	16.8	20.9	18.9	21.9	20.6	14.6	26.6
Magnesium	mg/l	6.01	6.02	9.596	11.1	10.5	9.11	8.2	17.8
Chloride	mg/l	15.4	14.5	15.9	18.1	19.1	16.3	24.9	33.5
Sulfate	mg/l	6.76	6.89	17.4	17.6	20.8	18.5	9.92	20.8
Turbidity	ntu	1.15	3.62	4.28	1.3	2.39	3.27	3.57	1.46
Iron, Total	μg/l	65	200	137	72	95	185	336	97
Manganese, Total	μg/l	17	36	30	16	28	39	29	15
Aluminum, Total	μg/l	<200	<200	<200	<200	<200	<200	269	<200
Suspended Sediment	ppm			20	1			18	3

Parameter	Units	SCTT 3.0	SCTT 3.0	SBCC 20.4
Date	mmddyyyy	02-20-2007	05-09-2007	07-24-2006
Time	hhmm	13:30	13:00	08:45
Discharge	cfs	2.725	2.205	0.765
Temperature	degree C	4.5	15.3	16.9
Conductance	umhos/cm	381	217	164
Dissolved Oxygen	mg/l	13.87	9.7	7.96
pH		7.3	7.15	7.2
Alkalinity	mg/l	36	36	54
Acidity	mg/l	4	2	6
Solids, Total	mg/l	266	150	146
Ammonia, Total	mg/l	<0.02	<0.02	<0.02
Nitrite, Total	mg/l	<0.01	<0.01	<0.01
Nitrate, Total	mg/l	3.19	1.93	2.24
Nitrogen, Total	mg/l	3.35	2.03	2.24
Phosphorus, Total	mg/l	0.014	0.02	0.021
Orthophosphate, Total	mg/l	<0.01	0.018	<0.01
Organic Carbon, Total	mg/l	1.12	1.41	1.31
Calcium	mg/l	19.8	15.4	20.8
Magnesium	mg/l	12.4	8.53	4.125
Chloride	mg/l	70.3	32.8	9.26
Sulfate	mg/l	22.7	14.4	3.76
Turbidity	ntu	1.01	1.94	4.07
Iron, Total	µg/l	73	163	168
Manganese, Total	µg/l	44	17	19
Aluminum, Total	µg/l	<200	<200	<200
Suspended Sediment	ppm			11