

Table 1.
Site One: Quittapahilla at Bellgrove Rd.

Date	Air Temp. (°C)	Water Temp. (°C)	pH	Alkalinity (CaCO ₃)	Turbidity (JTU)	Dissolved Oxygen (mg/L)	Nitrate (ppm +/- SD)	Orthophosphate (ppm +/- SD)
6/14/2004	24	15	*	255	20	*	9.28 +/-0.00	0.96 +/-0.96
6/28/2004	21	16	8.0	238	25	6.80	8.29 +/-0.73	0.38 +/-0.13
7/15/2004	20	16	7.9	180	20	6.75	4.55 +/-0.50	0.51 +/-0.14
7/26/2004	22	17	8.1	216	10	6.17	6.25 +/-0.69	0.26 +/-0.03
8/12/2004	24	17	8.1	244	30	6.01	6.80 +/-0.93	0.58 +/-0.74
8/26/2004	29	17	8.2	222	5	6.78	7.03 +/-0.54	0.39 +/-0.31

Table 2.
Site Two: Quittapahilla at Glen Ridge Rd.

Date	Air Temp. (°C)	Water Temp. (°C)	pH	Alkalinity (CaCO ₃)	Turbidity (JTU)	Dissolved Oxygen (mg/L)	Nitrate (ppm +/- SD)	Orthophosphate (ppm +/- SD)
6/14/2004	24	15	*	220	25	*	7.30 +/-0.35	1.51 +/-2.06
6/28/2004	21	17	8.2	264	30	6.82	7.76 +/-0.47	0.31 +/-0.05
7/15/2004	20	17	8.1	156	25	5.53	3.93 +/-0.31	0.48 +/-0.07
7/26/2004	22	16	8.3	220	10	6.1	6.49 +/-0.25	0.35 +/-0.09
8/12/2004	24	17	8.4	228	10	5.95	6.72 +/-0.53	0.25 +/-0.06
8/26/2004	29	18	8.3	236	5	6.85	6.67 +/-0.60	0.25 +/-0.06

Table 3.
Site Three: Bachman Run at Louser Rd.

Date	Air Temp. (°C)	Water Temp. (°C)	pH	Alkalinity (CaCO ₃)	Turbidity (JTU)	Dissolved Oxygen (mg/L)	Nitrate (ppm +/- SD)	Orthophosphate (ppm +/- SD)
6/15/2004	22	15	*	222	30	*	7.34 +/-0.62	0.23 +/-0.01
6/28/2004	21	14	7.9	262	15	7.15	8.63 +/-0.39	0.36 +/-0.74
7/15/2004	27	18	8	266	10	5.33	7.03 +/-0.61	0.34 +/-0.24
7/26/2004	22	14	7.9	282	5	6.25	8.68 +/-0.33	0.11 +/-0.04
8/12/2004	24	13	7.9	260	5	6.20	7.36 +/-0.69	0.08 +/-0.06
8/26/2004	29	16	8.0	312	5	7.31	8.84 +/-0.67	0.08 +/-0.04

Table 4.
Site Four: Beck Creek at Reist Rd.

Date	Air Temp. (°C)	Water Temp. (°C)	pH	Alkalinity (CaCO ₃)	Turbidity (JTU)	Dissolved Oxygen (mg/L)	Nitrate (ppm +/- SD)	Orthophosphate (ppm +/- SD)
6/15/2004	22	16	*	262	25	*	6.02 +/-0.47	0.24 +/-0.08
6/29/2004	23	17	7.8	224	5	7.90	7.03 +/-1.03	0.30 +/-0.22
7/13/2004	27	18	8	226	5	6.88	5.23 +/-1.14	0.14 +/-0.06
7/26/2004	23	15	7.8	260	5	6.98	8.06 +/-0.36	0.25 +/-0.07
8/13/2004	23	17	7.8	240	10	4.60	5.63 +/-0.58	0.39 +/-0.08
8/27/2004	28	16	7.8	252	5	6.65	8.36 +/-0.90	0.17 +/-0.11

Table 5.
Site Five: Beck Creek at Bricker Rd.

Date	Air Temp. (°C)	Water Temp. (°C)	pH	Alkalinity (CaCO ₃)	Turbidity (JTU)	Dissolved Oxygen (mg/L)	Nitrate (ppm +/- SD)	Orthophosphate (ppm +/- SD)
6/15/2004	22	15	*	220	15	*	6.68 +/-0.28	0.09 +/-0.06
6/29/2004	23	18	8.2	226	10	9.75	7.65 +/-0.74	0.11 +/-0.09
7/13/2004	27	19	8.1	246	10	8.05	5.63 +/-0.43	0.07 +/-0.02
7/26/2004	23	16	7.9	260	10	7.91	7.42 +/-0.65	0.08 +/-0.02
8/13/2004	23	17	7.8	220	10	4.87	5.58 +/-0.46	0.35 +/-0.06
8/27/2004	28	17	7.9	260	5	8.12	8.27 +/-1.01	0.14 +/-0.07

Table 6.
Site Six: Snitz Creek at Dairy Rd.

Date	Air Temp. (°C)	Water Temp. (°C)	pH	Alkalinity (CaCO ₃)	Turbidity (JTU)	Dissolved Oxygen (mg/L)	Nitrate (ppm +/- SD)	Orthophosphate (ppm +/- SD)
6/15/2004	22	17	*	178	30	*	2.68 +/-0.21	0.17 +/-0.09
6/29/2004	23	18	8.4	218	5	7.11	4.11 +/-0.48	0.19 +/-0.21
7/13/2004	27	19	8.3	196	10	6.25	2.38 +/-0.84	0.12 +/-0.04
7/26/2004	23	17	8.1	240	5	6.75	2.81 +/-0.50	0.08 +/-0.04
8/13/2004	23	18	7.9	186	10	5.52	2.12 +/-0.22	0.24 +/-0.06
8/27/2004	28	19	8.3	224	5	6.69	3.34 +/-0.20	0.09 +/-0.04