

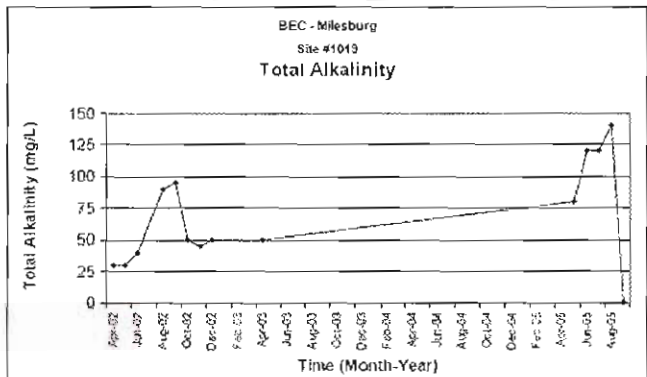
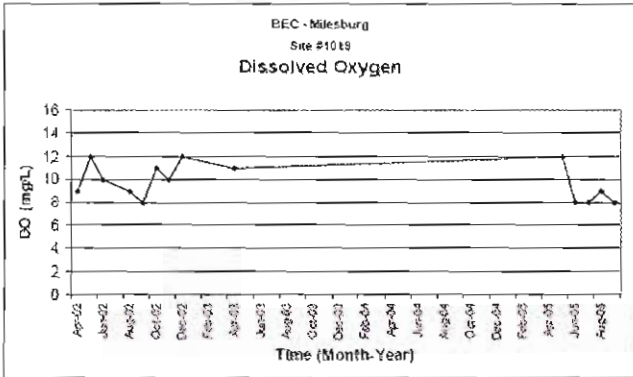
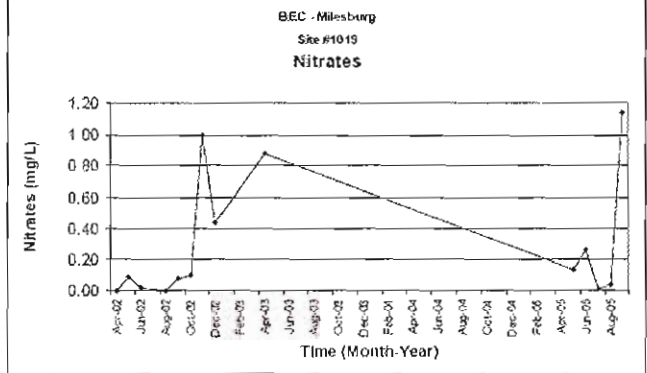
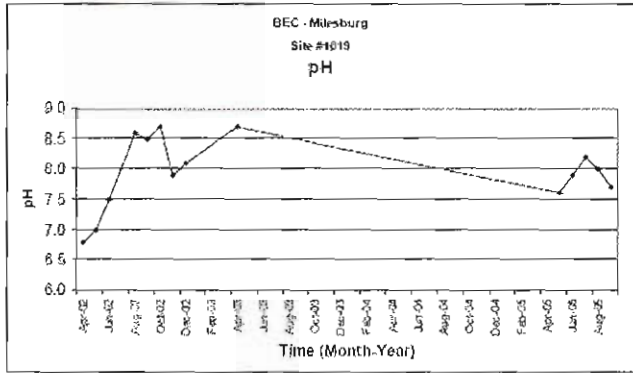
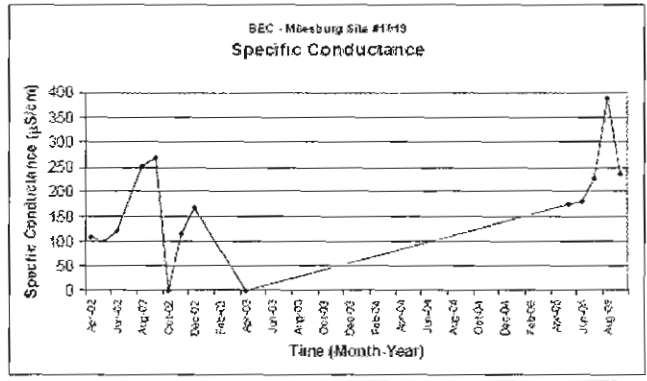
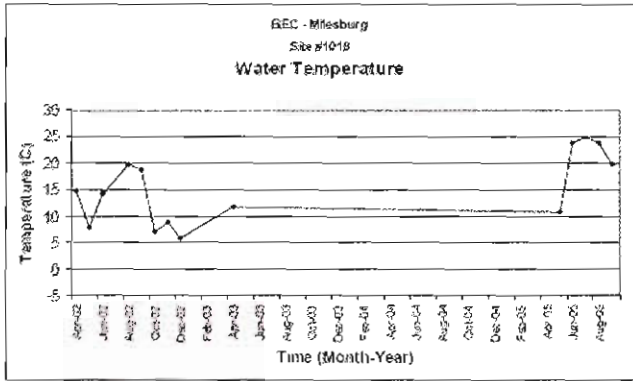
## Appendix C

Senior Environmental Corp raw data collected from the Upper Bald Eagle Creek Watershed.

## Milesburg

BFC - Milesburg Site #1019 Monitor Date	Stream Flow Volume ( m <sup>3</sup> / sec)	A i r Temp C	A i r Temp F	Water Temp C	Water Temp F	pH	Dissolved Oxygen (mg/L)	S p e c i f i c Conductance	Nitrates (mg/L)	Phosphate (mg/L)	Sulfate (mg/L)	T o t a l Alkalinity (mg/L)
9/2/2005		23		20		7.7	8	235	1.14		<50	
8/12/2005		26		24		8	9	387	0.04		<50	140
7/1/2005		26		25		8.2	8	226	0.01		<50	120
6/10/2005		27		24		7.9	8	180	0.264		<50	120
5/6/2005		14		11		7.6	12	174	0.132		<50	80
4/10/2003	8.498	26		12		8.7	11		0.88	0.1	50	50
12/17/2002		-2		6		8.1	12	168	0.44	0.2	50	50
11/19/2002		6		9		7.9	10	115	1	0.22	50	45
10/22/2002	2.41	11	38	7	45	8.7	11		0.1		50	50
9/17/2002	0.318	14	57	19		8.5	8	269	0.08		50	95
8/21/2002		18	64	20		8.6	9	253	0		50	90
6/19/2002		16	61	14	58	7.5	10	121	0.02		50	40
5/22/2002		4	40	8		7	12	100	0.09		50	30
4/17/2002		22	71	15		6.8	9	110	0		50	30

# Upper Bald Eagle Creek

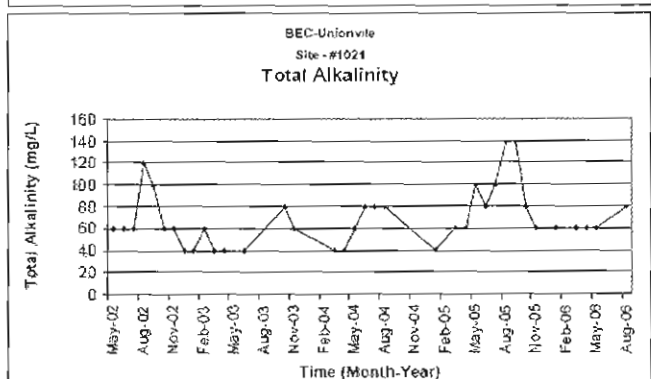
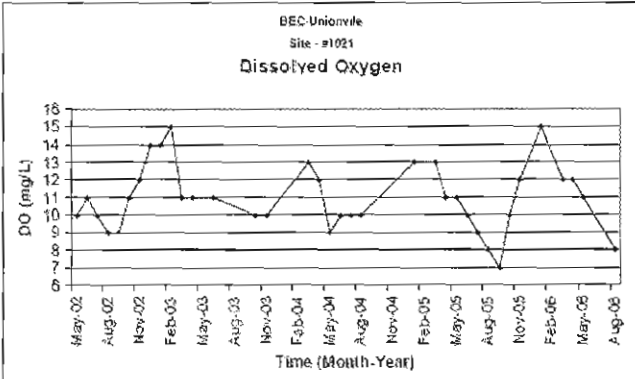
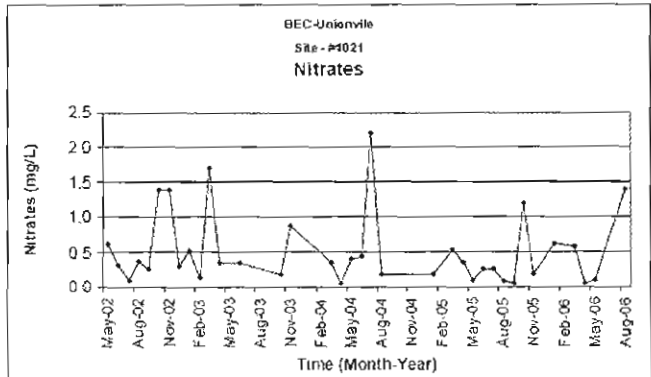
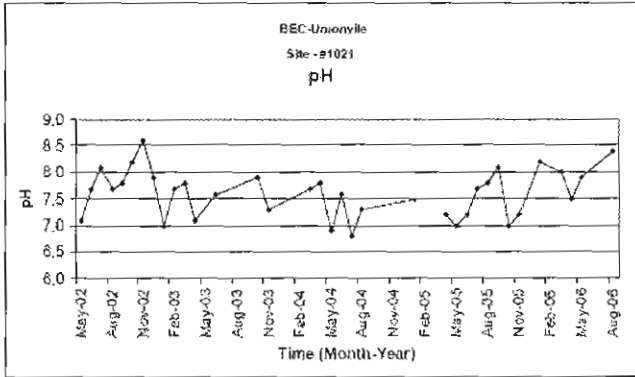
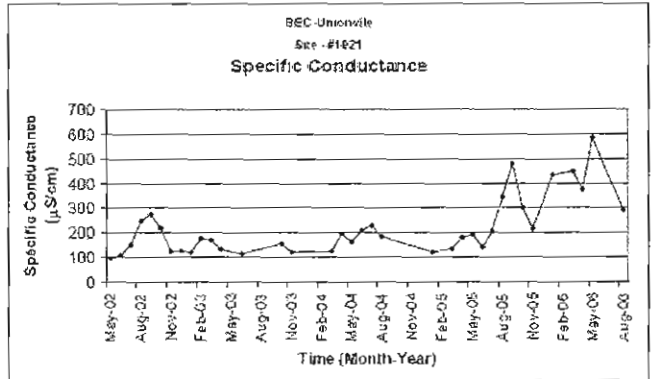
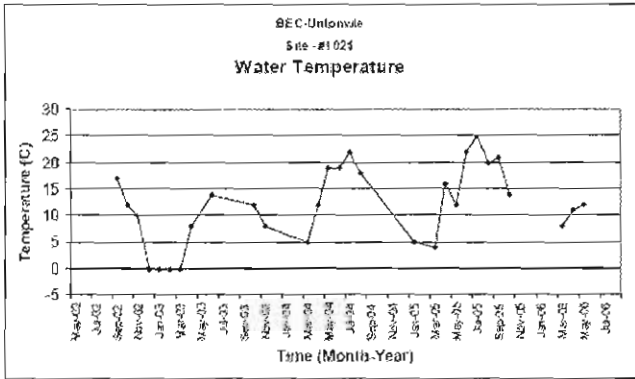


Unionville

B E C - Unionville Site # 1021 Montior Date	Stream Flow Volume ( m 3 / sec)	A i r Temp C	A i r Temp F	Water Temp C	Water Temp F	pH	Dissolved Oxygen (mg/L)	S p e c i f i c Conducance	Nitrates (mg/L)	Phosphate (mg/L)	Sulfare (mg/L)	T o r a l Alkalinity (mg/L)
8/30/2006		25			21	8.4	8	293	1.4		<50	80
5/24/2006	1.3897	12		12		7.9	11	584	0.088		<50	60
4/28/2006	2.5741	16		11		7.5	12	375	0.044		<50	60
3/13/2006		21		8		8	12	450	0.572		<50	60
1/11/2006		9			5	8.2	15	432	0.616		<50	60
11/14/2005	0.6223					7.2	12	218	0.176		<50	60
10/14/2005	1.04	11		14		7	10	300	1.19		68	80
9/16/2005		26		21		8.1	7	480	0.044		<50	140
8/29/2005	0.111	20		20		7.8	8	345	0.08		50	140
7/18/2005		27		25		7.7	9	203	0.264		<50	100
6/15/2005	1.4134	26		22		7.2	10	140	0.264		<50	80
5/27/2005		14		12		7	11	194	0.088		<50	100
4/25/2005	0.7634	17		16		7.2	11	182	0.352		<50	60
3/21/2005		4		4	7.5		13	135	0.528		<50	60
1/10/2005		5		5		7.5	13	123	0.18		50	40
8/16/2004	1.389	24		18		7.3	10	184	0.18		50	80
7/7/2004	0.6277	28		22		6.8	10	230	2.2		50	80
6/18/2004		20		19		7.6	10	211	0.44		50	80
5/24/2004		23		19		6.9	9	162	0.4		50	60
4/12/2004	3.7	9		12		7.8	12	198	0.04		50	40
3/15/2004		9		5		7.7	13	127	0.35		50	40
11/24/2003		18		8		7.3	10	122	0.88		50	60
10/14/2003	4.89	15		12		7.9	10	156	0.18		50	80
6/9/2003		20		14		7.6	11	115	0.35	0.24	50	40
4/14/2003		15		8		7.1	11	135	0.35		50	40
3/10/2003		-4		0		7.8	11	174	1.7		50	40
2/10/2003		0		0		7.7	15	180	0.13		50	60
1/14/2003		-1		0		7	14	123	0.52		50	40
12/9/2002		3		0		7.9	14	128	0.3	0.02	50	40
11/11/2002		14		10		8.6	12	124	1.4		50	60
10/14/2002	1.64		38	12		8.2	11	220	1.4		50	60
9/9/2002		13		17		7.8	9	276	0.26		50	100
8/12/2002	0.19		74		72	7.7	9	248	0.37		50	120
7/8/2002	0.56		82		70	8.1	10	153	0.09		50	60
6/10/2002			68		60	7.7	11	111	0.31		50	60
5/13/2002			61		56	7.1	10	98	0.62		50	60



# Upper Bald Eagle Creek

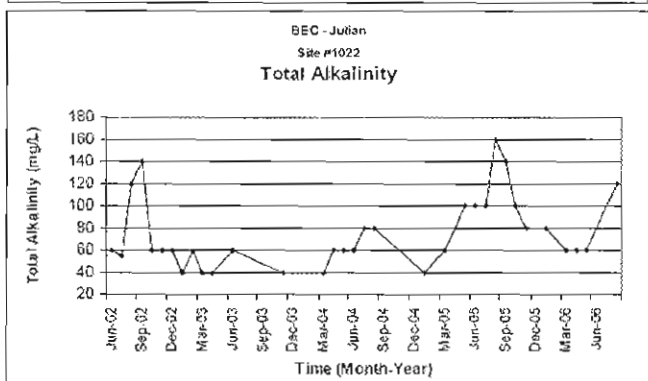
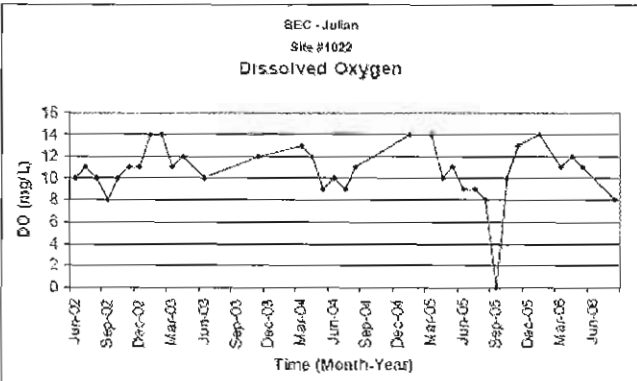
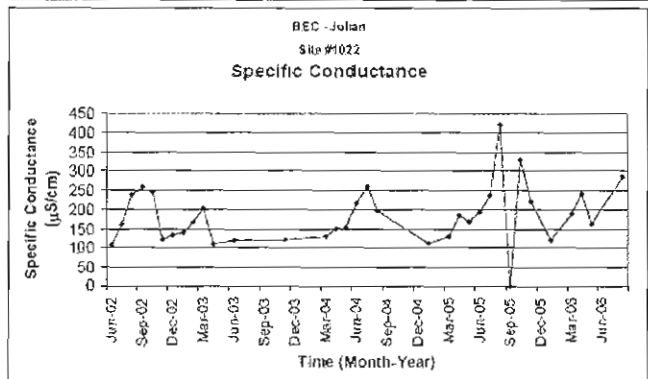
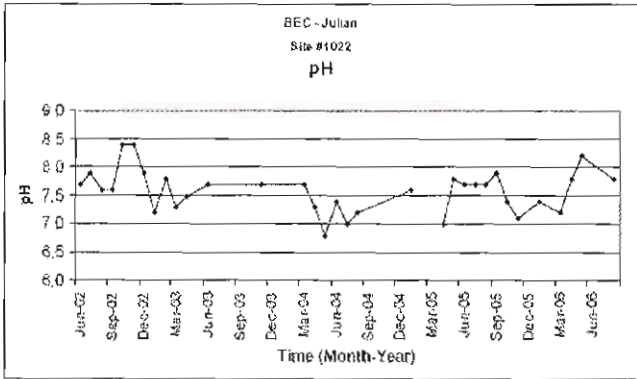
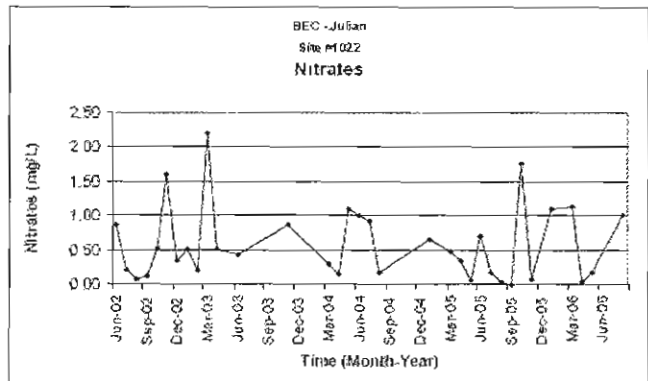
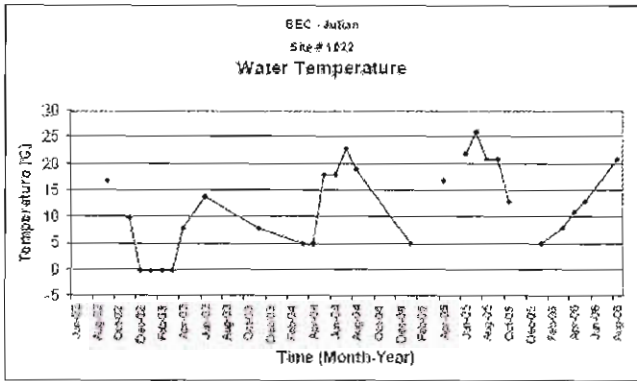


Julian

BEC-Julian Site # 1022 Montior Date	Stream Flow Volume ( m 3 / sec)	A i r Temp C	A i r Temp F	Water Temp C	Water Temp F	pH	Dissolved Oxygen (mg/L)	S p e c i f i c Conductance	Nitrates (mg/L)	Phosphate (mg/L)	Sulfate (mg/L)	T o t a l Alkalinity (mg/L)
8/30/2006		21		21		7.8	8	287	1.01		<50	120
5/24/2006	0.8725	13		13		8.2	11	163	0.18		<50	60
4/28/2006	0.634	17		11		7.8	12	243	0.04		<50	60
3/13/2006		21		8		7.2	11	189	1.14		<50	60
1/11/2006		10.5		5		7.4	14	121	1.10		<50	80
11/14/2005	0.4952					7.1	13	221	0.08		<50	80
10/10/2005	0.6631	11		13		7.4	10	330	1.76		69	100
9/16/2005		26		21		7.9					<50	140
8/29/2005	0.095	20		21		7.7	8	422	0.04		50	160
7/18/2005		28		26		7.7	9	239	0.18		<50	100
6/15/2005	0.6117	24		22		7.7	9	194	0.70		<50	100
5/27/2005		1			12	7.8	11	170	0.07		<50	100
4/25/2005	0.3311	19		17		7	10	186	0.35		<50	80
3/21/2005		4			4		14	132	0.48		<50	60
1/10/2005		8		5		7.6	14	112	0.66		50	40
8/16/2004	0.8937	22		19		7.2	11	198	0.18		50	80
7/7/2004	0.5769	26		23		7	9	263	0.92		50	80
6/14/2004		22		18		7.4	10	217	1.00		50	60
5/24/2004		25		18		6.8	9	156	1.10		50	60
4/12/2004	2.5	12		5		7.3	12	151	0.16		50	60
3/15/2004		10		5		7.7	13	131	0.30		50	40
11/24/2003		20		8		7.7	12	123	0.88		50	40
6/9/2003		24		14		7.7	10	122	0.44		50	60
4/14/2003		16		8		7.5	12	110	0.52		50	40
3/10/2003		-4		0		7.3	11	204	2.20		50	40
2/10/2003		1		0		7.8	14	170	0.21		50	60
1/14/2003		0		0		7.2	14	141	0.52		50	40
12/9/2002		3		0		7.9	11	135	0.35		50	60
11/11/2002		15		10		8.4	11	124	1.60		50	60
10/14/2002	1.16		41		52	8.4	10	248	0.53		58	60
9/9/2002		20		17		7.6	8	261	0.13		50	140
8/12/2002	0.08		76		72	7.6	10	241	0.09		50	120
7/8/2002	0.42		82		70	7.9	11	164	0.22		50	55
6/10/2002			78		62	7.7	10	108	0.88		50	60



# Upper Bald Eagle Creek



## Port Madilda

BEC-Julian Site # 1022 Montior Date	Stream Flow Volume ( m 3 / sec)	A i r Temp C	A i r Temp F	Water Temp C	Water Temp F	pH	Dissolved Oxygen (mg/L)	S p e c i f i c Conductance	Nitrates (mg/L)	Phosphate (mg/L)	Sulfate (mg/L)	T o t a l Alkalinity (mg/L)
8/30/2006	0.3063	20		21		8.6	10	360	0.97		<50	120
5/24/2006	0.2784	16		13		8.2	11	160	0.264		<50	60
4/28/2006	0.8104	19		11		7.9	12	136	0.044		<50	60
3/13/2006		21		9		7.8	12	147	1.628		<50	60
1/11/2006		9.5			5	7.4	15	112	1.1		<50	80
11/14/2005	0.1292					7.2	13	208	0.044		<50	60
10/10/2005	0.1786	12		14		7.9	10	310	0.704		85	80
8/29/2005	0.2534	21		21		7.7	10	313	0.04		50	140
7/18/2005		30		26		7.7	9	231	0.088		<50	120
6/15/2005	0.2906	24		23		7.4	9	140	0.704		<50	100
5/27/2005		14		12		7.9	11	170	0.22		<50	100
4/25/2005	0.1638	20		17		7.4	8		0.352		<50	60
3/21/2005		4		4		8.4	12	109	0.748		<50	60
1/10/2005		8		5		7.7	13	169	0.44		50	40
8/16/2004	0.149	24		19		7.1	11	178	0.18		50	80
7/7/2004	0.0433	25		22		7	8	208	0.48		50	100
6/14/2004		22		18		7.5	9	198	0.75		50	60
5/24/2004		22		17		6.9	10	119	0.66		50	60
4/12/2004	2.5	12		6		7.7	10	121	0.2		50	60
3/15/2004		11		5		7.6	12	111	0.4		50	40
11/24/2003		20		8		7.4	13	107	0.78		50	40
6/14/2003		24		14		7.7	9	106	0.44		50	60
4/14/2003		15		8		7.4	11	115	0.44		50	40
3/10/2003		-7		0		7.3	11	125	1.2		50	40
2/10/2003		0		0		7.7	14	125	0.26		50	60
1/14/2003		1		0		6.9	14	109	0.96		50	40
12/9/2002		2		0		7.9	14	125	0.44		50	40
11/11/2002		14		10		8.3	10	121	1.1		50	80
10/14/2002	0.43	10		12		8.5	10	225	2.4		63	60
9/9/2002		30		18		7.6	8	220	0.18		50	120
8/12/2002			84		73	7.7	7	237	0.18		50	120
7/9/2002	0.13		82		70	7.8	8	197	0.18		50	50
6/10/2002			82		62	7.8	11	100	0.42		50	60

# Upper Bald Eagle Creek

