

Site ID	Collection Date	Collection Time	Location	Temperature °C		Dissolved Oxygen %		Turbidity		Conductivity Hanna Meter	Hanna Meter	pH	Colorimetric	Ortho-Phosphate	Amonia	Nitrite	Nitrite/Nitrate	Coliform (cfu/100ml)		E. coli (cfu/100ml)		BCS color # (2 1/2 gal) (50 ml)		Comments and Observations	Data Entry Comments			
				Thermometer	Hanna Meter	(mg/l)	Saturation	NTU 1	NTU 2									1ml	5ml	1ml	5ml							
Two Moose Creek above Sterling Highway																												
AR-1015	5/18/06	11:30 AM	Stream	3.5		10.5	79.1%	15.3	15			6.75	0.0200	0.0444	0.0038	0.9024	2700	6400	0	60					tidbit deployed	sulfuric acid was not added to D.O. until 20 minutes later. Poss not		
AR-1015	6/13/06	3:30 PM	Stream	8.5	9.2			5.28	5.34	63	7.70		0.0116	0.0120	0.0018	0.1790	3000	2000	0	0					Bioassessment			
Ruby Creek																												
AR-1034	5/18/06	12:27 PM	Stream	2.5		9.0	67.8%					6.50	0.0150	0.0311	0.0031	0.4977	1300	2100	0	0					tidbit deployment			
AR-1034	9/27/06	11:30 AM	Stream	7.0				11.4	11.6				0.0102	0.0120	0.0012	0.0554	13500	15080	0	0					Tidbit removal. No data taken, just sample for turbidity and e. coli.			
Unnamed Trib to Anchor River at 0.8 mile from Hwy on North Fork Road (South end)																												
AR-1040	5/14/06	2:52 PM	Stream	2.5	2.5	10.8	84.7%	47.8	47.9	47	5.83	6.75	0.0141	0.0251	0.0021	0.6040	1700	1700	0	0	63	56			No ice left - creek flowing fast and bank to bank.	could not find turbidity lab data.		
AR-1040	6/11/06	3:35 PM	Stream	7.0		11.1	93.1%	1.72	1.72			7.00	0.0205	0.0230	0.0019	0.3562	100000	480	0	0	48	39			No animals, fish. Or birds, creek running full - 4' wide and 1' deep.			
AR-1040	6/28/06	4:17 PM	Stream	9.5		10.2	92.0%	1.8	1.87			7.00	0.0144	0.0188	0.0010	0.2672	900	700	0	0	46	39			Birds and a lot of insects. No mammals or fish. Grass quite thick and tall.	hanna meter broken.		
AR-1040	7/9/06	5:22 PM	Stream	10.5	10.9	10.1	91.4%	2.12	2.18	63	7.72	7.00	0.0255	0.0276	0.0014	0.2563	1100	1500	0	20	39	36			No mammals or fish. Lots of flies and misquitos.			
Upper Beaver Creek at Beaver Creek Road																												
AR-1090	4/30/06	7:36 PM	Bucket	2.0	1.8			8.46	8.55	66	6.67	6.50	0.0527	0.0833	0.0050	0.1391	1500	2000	0	0	60	48						
AR-1090	6/11/06	2:52 PM	Bucket	9.0	9.2	7.4	63.5%	3.4	3.37	38	6.65	7.00	0.0185	0.0433	0.0023	0.0618	100	100	0	0	60	48						
AR-1090	6/25/06	11:16 AM	Stream	9.0	9.6	9.6	82.5%	3.44	3.45	39	6.91	7.00	0.0378	0.0275	0.0026	0.0211	300	1040	0	40	60	48			Beaver pond a success!	no e coli plates and no lab data		
AR-1090	7/11/06	4:27 PM	Stream	12.5	12.2	9.7	91.0%	6.16	6.2	50	7.90	7.50																
AR-1090	7/30/06	2:52 PM	Bucket	11.0	10.7	8.7	78.7%	5.32	5.24	59	6.83	7.00	0.0243	0.0447	0.0048	0.0466	3000	6060	0	60	53	48			water up one foot over 2 weeks ago. Beaver dam is retaining water level.			
AR-1090	8/13/06	9:45 PM	Bucket	10.0	11	6.0	54.0%	7.21	7.32	46.5	6.88	7.00	0.0239	0.0327	0.0020	0.0387	2800	2540	200	60	51	48			water rising from beaver damn downstream. Water level has increased about six inches in new beaver dam 25 feet downstream has raised water level about 2 feet. Several dams are below water six inches lower than last month	forgot to fix dissolved oxygen. No data.		
AR-1090	8/27/06	11:50 AM	Bucket	8.0	9.1			3.25	3.27	25	6.30	6.50	0.0151	0.0190	0.0014	0.0211	3100	2240	200	20	70	48						
AR-1090	9/24/06	11:00 AM	Bucket	6.0	6.4	7.8	62.8%	2.71	2.76	39	6.54	6.80	0.0151	0.0300	0.0011	0.0211	2000	2000	0	0	60	58						
AR-1090	10/30/06	1:15 PM	Bucket	1.0	1.1	9.5	68.9%	5.24	5.17	38	6.80	7.00					1000	1000	0	0	57	56						
AR-1090	11/26/06	2:15 PM	Bucket	.5	1	7.6	53.4%	12.5	12.5	94	6.50	6.50									48	36			about 10" of ice. Luckily I was cutting firewood and had an axe and safety goggles.	E. coli not plated correctly, could not count data.		
AR-1090	12/31/06	2:20 PM	Bucket	.0	0	8.2	71.0%	9.74	9.79	75	6.25	6.50									39	36			ice approx 20" thick. Good warm up before monitoring in cutting the hole with			
Diamond Creek Downstream From Landfill Tributary																												
KB-1140	6/28/06	3:20 PM			11.8	9.6		1.78	1.83	69	7.53	6.75	0.0137	0.0205	0.0019	0.1292	400	1100	0	0							meter not calibrated prior to visit	
KB-1140	7/11/06	2:00 PM			11	9.6	87.2%	2.23	2.18	78	7.62		0.0165	0.0356	0.0039	0.1827	800	1060	100	60							thermometer broken, temp not taken	
KB-1140	8/1/06	11:50 AM	Stream	8.0	9	10.0	84.4%	2.94	3.01	86	7.67	6.75	0.0195	0.0288	0.0030	0.1936	1000	240	0	40						grass is very tall (well recorded in sketch)		
KB-1140	8/30/06	5:30 PM	Stream	8.0	7	9.6	80.5%	4.12	4.14	77.5	7.40	6.75	0.0122	0.0382	0.0012	0.2077	6500	7600	0	0								
KB-1140	9/26/06	5:30 PM	Stream	6.0	6.4	9.5	75.8%	3.29	3.35	81	7.31	6.75	0.0112	0.0220	0.0013	0.1776	5500	5700	0	0								
Diamond Creek @ Baycrest Ski Trail Bridge																												
KB-1150	5/3/06	10:56 AM	Bucket	2.0	2.1	9.5	68.7%	11.7	11.6	84	6.49	6.50	0.0206	0.0275	0.0021	0.2155					58	91			water higher than we have ever seen it. Some snow along bank. A little different hand last	no bacteria data found		
KB-1150	5/25/06	12:30 PM	Bucket	7.0	7	10.4	111.8%	5.61	5.51	70	6.16	7.00	0.0114	0.0441	0.0014	0.2182					104						water still high, no more snow.	no e. coli sample.
KB-1150	6/7/06	1:00 PM	Stream	7.0		9.3	76.1%	1.85	1.86			6.75	0.0147	0.0352	0.0022	0.2116	1500	1220	300	220							flow measured	e. coli samples labeled 3 and 5 ml, not sure if 1ml or 3, possibly don't
KB-1150	6/15/06	9:54 AM	Bucket	6.8	7	10.6	87.5%	2.74	2.7	81	6.30	7.00	0.0129	0.0248	0.0015	0.1487	2500	1620	0	20	94							
KB-1150	7/10/06		Bucket	11.0	10.9	10.4	92.5%	3.97	4.04	99	6.61	7.00	0.0170	0.0291	0.0030	0.2318	3900	2620	1700	1420	120						water level is way down from two weeks ago.	
KB-1150	8/14/06	11:08 AM	Bucket	8.4	8.2	10.5	89.2%	2.67	2.64	102	6.43	7.00	0.0217	0.0372	0.0030	0.2236	2500	3000	0	0	92						heavy overgrowth on trail and surrounding the stream. Stream volume still reasonably high.	
KB-1150	8/29/06	10:30 AM	Bucket	7.0	6.2	10.8	88.7%	2.84	2.79	71	7.48	7.10	0.0144	0.0271	0.0008	0.2133	3000	3200	0	0	55						Meter is now c52, c17 kept running itself off.	
KB-1150	9/27/06	2:45 PM						14.1	14.3				0.0122	0.0182	0.0008	0.0626	19000	14800	100	40							Sampling for macroinvertebrates for natural resources class. Just collected water	
KB-1150	10/31/06	10:00 AM	Bucket	1.8	2	12.2	88.5%	3.34	3.36	78	7.51	7.20					1000	1000	0	0	91						ice on stream sides	
Small Spring Tributary to Diamond Creek																												
KB-1155	6/13/06	2:17 PM	Stream	7.5	7.6			3.56	3.58	69.5	6.09	6.75	0.0112	0.0294	0.0018	0.2275	400	1000	0	0							Lots of rain recently	D.O. did not meet dqp
KB-1155	6/28/06	2:50 PM	Stream	9.0		9.7	83.2%					6.75	0.0058	0.0205	0.0036	0.2327					107						Dogs around - lots of growth since last sample	Coliscan easygel did not solidify, unable to count bacteria. Hanna
KB-1155	7/13/06	12:10 PM	Stream	8.0		9.8	82.5%	4.05	4.1			6.75	0.0096	0.0236	0.0025	0.3831					91						dogs around, area overgrown. Bugs are bad!	combo meter did not work. Something did not work in ecoli
KB-1155	8/2/06	11:00 AM		8.0	7.3	9.6	80.8%	4.84	4.92	91	7.40	6.75	0.0092	0.0186	0.0020	0.3536					91	93					much more growth in 2 weeks. Dogs on site	
KB-1155	9/28/06	2:15 PM	Stream	6.5	6.5	10.0	81.1%	6.8	6.87	82	6.84	6.50	0.0075	0.0187	0.0008	0.1366	10400	7460	0	0							Very wet. All previous walkable area now bog.	

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				Thermometer	Hanna Meter	(mg/l)	Saturatio	NTU 1	NTU 2	Hanna Meter	Hanna Meter							1ml	5ml	1ml	5ml	(2 1/2 gal)	(50 ml)				
Woodard Creek @ Jenny Way																											
KB-120	5/30/06	2:40 PM	Stream	22.0	13.8	9.7	111.4%	9.91	9.74	142	7.86	7.50	0.0244	0.0364	0.0051	0.6017	5500	3400	500	400		2	Beautiful day, water clear, bed rusty-looking, water thermometer....				
KB-120	7/3/06	12:00 PM	Stream	8.0	13.1	9.8	80.5%	3.27	3.3	180	7.74	7.25	0.0267	0.0399	0.0120	0.5455	20000	20000	0	0		25	Partly cloudy, mild day.				
KB-120	7/31/06	9:49 AM	Stream	10.5	11.3	10.0	89.4%	8.36	8.34	190	8.03	7.50	0.0189	0.0238	0.0075	0.4352	5200	10200	200	200		12	yesterday pouring rain for several hours. No rain today.				
KB-120	10/29/06	12:15 PM	Stream	4.0	3.6	12.7	96.8%	114	117	161.5	7.93	7.50					15100	24320	100	320		96	3 days of clear and cold previous to monitoring day. Rain heavy the morning of monitoring day.				
KB-120	11/26/06	12:28 PM	Stream	.0	0	12.9	89.1%	5.99	6.08	286	7.38	7.25					9500	10320	0	0	92		Stream frozen over, sample taken from bulk overflow.				
Woodard Creek @ Pratt Museum																											
KB-150	3/27/06	4:30 PM	Stream	.5	0.1	11.5	80.6%	442	446	143	5.83	7.50					16700	20360	700	360		94	one foot of ice and snow to break through				
KB-150	4/30/06	5:32 PM	Stream	4.0	2.9	9.4	69.7%	2112	2126	91	6.15		0.0135	0.1077	0.0041	1.0923	15600	20760	600	760		94	very muddy -creek bed and water	filter broke, so sample vials are unfiltered. pH too muddy to do			
KB-150	5/18/06	12:06 PM	Stream	5.6	6.2	8.5	68.7%	22	21.6	102	6.57	7.20	0.0189	0.0681	0.0035	0.8103	3300	1940	0	0					tidbit deployment		
KB-150	6/15/06	3:40 PM	Stream	10.3	10.3	9.9	87.5%	11.2	11.2	136	7.94	7.75					10800	10300	800	300					Bio-assessment		
KB-150	6/28/06	9:45 AM	Stream	9.0	8.4	10.3	87.7%	5.47	5.56	178	7.15	7.50			0.0049	0.0649	12100	12000	100	0		104	normal. Water tidbit slightly exposed upon arrival. Split sample.				
KB-150	7/30/06	4:10 PM	Stream	11.0	10.3	10.0	90.5%	10.76	10.63	215	6.91	7.63	0.0182	0.0400	0.0034	0.3141	10000	10200	0	200		120					
KB-150	8/13/06	3:20 PM	Stream	11.5	10.8	9.9	90.4%	3.03	3	194	6.91	7.50	0.0338	0.0481	0.0092	0.5310	9500	10240	0	80		120	lots of foillage, narrow channel.				
KB-150	9/24/06	2:15 PM	Stream	8.0	7.6	10.5	88.6%	4.96	4.96	185	6.65	7.50	0.0250	0.0616	0.0097	0.5416	15000	20000	100	0		91	sprinkles and sunshine				
KB-150	10/29/06	1:29 PM	Stream	3.0	2.6	10.8	80.3%	10.53	10.54	174.5	6.39	7.00					20000	20100	0	100		91	Bank continues to erode, new bend in stream due to alder branch damming.				
Bidarka Creek @ Saltwater Drive																											
KB-210	4/30/06	1:00 PM	Stream	3.5	3.5	11.5		42.8	42.3	136	7.66	7.00	0.0192	0.0429	0.0024	0.9341	1500	1020	0	20		93			Data sheet says 13.6 for conductivity, but I think it is really 136		
KB-210	5/11/06	1:50 PM	Stream	4.1	4.5	10.3	79.5%	90.8	89.8	115	7.65	7.10	0.0203	0.0407	0.0026	0.7402	1500	1340	0	40		91			beautiful day.		
KB-210	5/25/06	2:00 PM	Stream	11.5	12.6			18.9	18.6	147.5	7.86	7.50	0.0174	0.0292	0.0028	0.6427	1200	1260	0	40		36					
KB-210	6/11/06	1:50 PM	Stream	7.5	7.9	10.7	88.9%	4.3	4.22	170.5	7.83	7.50	0.0194	0.0440	0.0042	0.5702	2400	2380	400	380		93					
KB-210	6/25/06	10:00 AM	Stream	8.0	8.5	11.0	92.6%	3.22	3.27	180	7.80	7.50	0.0224	0.0358	0.0035	0.3525	1500	1460	0	60		93					
KB-210	7/9/06	11:15 AM	Stream	10.0	10.8	10.2	89.7%	2.98	2.94	178	7.89	7.75	0.0172	0.0279	0.0042	0.2125	3900	3420	0	20		93					
KB-210	7/25/06	8:30 AM	Stream	9.0	8.6	10.5		5.62	5.68	183.5	7.67	7.75	0.0166	0.0435	0.0060	0.3376	13900	13920	200	200		93					
KB-210	8/13/06	9:10 AM	Stream	9.0	9.3	10.6	91.4%	2.81	2.81	203.5	7.87	8.00	0.0203	0.0454	0.0082	0.4452	6000	6500	300	120		93					
KB-210	8/27/06	9:40 AM	Stream	8.0	8	10.9	91.7%	4.93	4.83	182	7.59	7.50	0.0204	0.0385	0.0053	0.4650	6200	6040	0	120		93					
KB-210	9/24/06	9:30 AM		6.0	5.6	10.0	80.1%	6.83	6.8	189	7.71	7.50	0.0132	0.0400	0.0054	0.5384	5000	10000	100	100		93					
KB-210	10/27/06	12:00 PM	Stream	.0	0.1	12.1	83.6%			180	7.73	7.50					18100	10000	0	20		93	Phase III				
KB-210	10/29/06	9:30 AM	Stream	2.0	2	10.2	74.0%	11.1	11.1	176	7.50	7.50					20300	20400	300	400	93		Stream clear but beginning to become muddy as rain continued.				
Outflow below water treatment plant																											
KB-315	5/14/06	2:08 PM	Stream	8.0	7.6	0.6	4.8%	985	1000	780	7.30	7.25	0.0503		0.0080	0.0211	1000	1600	0	0		36					
KB-315	5/28/06	4:03 PM	Stream	4.0	13.7	0.8	6.4%	1428	1400	827.5	7.24	7.25	0.0441		0.0215	0.0857		40000		0		39	Shore foliage growth site specific increased growth.				
KB-315	6/11/06																	2040		40						Plush vegetation. Family sandhill cranes like specific spot.	no sample taken, creek dry
Culvert at Bunnell Street																											
kb-316	5/14/06	3:30 PM	Stream	8.0	7.6			13.8	14	199.5	6.43	7.25	0.0199	0.1417	0.0054	1.0873		320		20		36					
kb-316	5/28/06	2:50 PM	Stream	8.0	8.2			23.6	23.2	250	6.35	7.25	0.0148	0.2646	0.0064	0.4259		420		20		48	Dog came wading/swimming through test area.				
kb-316	6/11/06	2:00 PM	Stream	9.0	9.5	8.5		37.7	37.3	280	6.97	7.25	0.0340	0.0384	0.0098	0.4179	1500	1300	0	60		46	Sea grass volume and vitalization excellent. Film on water surface but not much flow.				
kb-316	7/10/06		Stream	11.0	11.5	6.2	56.3%	111	111	356.5	6.09	6.75	0.0097	0.5765	0.0047	0.2203						48				no e. coli data.	
kb-316	7/24/06	5:04 PM	Stream	11.5	11.3	5.6	51.3%	104.9	106.9	362	7.11	7.25	0.0314	0.5567	0.0060	0.2634	9500		0			48	very little flow. Red oil accumulation on surface but I was careful to not include oil in tests.	5 ml e coli sample not plated correctly, no results reported.			
kb-316	8/13/06	2:00 PM	Stream	12.0	12.1	8.2	75.7%	25	24.8	270	6.54	7.25	0.0255	0.2546	0.0041	0.1519	13800	10380	0	0		46	Low to no flow. Ugly reddish-brown foam on surface. Thick vegetation. 4 cranes playing in				
kb-316	9/24/06	4:30 PM	Stream	10.0	9.8	10.8	95.4%	22.2	22	256.5	6.67	7.25	0.0141	0.3709	0.0060	0.1732	2500	10000	200	40		39	High water, little flow				
kb-316	10/29/06	3:45 PM	Stream	5.5	4.5	10.3	80.2%	29.7	30.2	189.5		7.25					10000	12220	0	220		39	Overflowing discoloration - rusty reddish build up at fringe.				
Beluga Lake Outflow																											
KB-350	5/14/06	4:12 PM	Stream	12.0	12			8.75	8.9	133	7.83	7.75						0	0	0		36					
KB-350	8/13/06	3:25 PM	Stream	6.0	15.4	9.6	76.9%	3.25	3.26	345.5	9.73	9.25					3600	2580	0	0		91	ducks and fry present				
KB-350	9/24/06	5:40 PM	Stream	11.0	10.3	11.4	102.9%	3.07	3.07		7.31	7.25										91	High Water		e. coli not readable , did not solidify		

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				Thermometer	Hanna Meter	(mg/l)	Saturation	NTU 1	NTU 2								1ml	5ml	1ml	5ml	1ml	5ml			
Beluga Lake Outflow																									
KB-350	10/29/06	4:50 PM	Bucket	5.0	6.5	11.2	88.6%	2.72	2.74	191.5	8.03	7.25					5000	2000	0	0		25			
KB-350	11/26/06	5:00 PM	Bucket	3.0	3.1	10.3	76.2%	2.97	3	347	7.18	7.25					600	680	0	0		36	recalibrated hanna meter and reread pH 7.01 at 6.94 and 4.01 at 3.89. not great, but possible?		
Palmer Creek into Beluga Wetlands																									
KB-356	1/29/06	2:00 PM	Stream	2.0	7.6	11.7	96.1%	12.7	12.7	195.5	7.27	7.50	0.0104	0.1231	0.0035	0.6831	2000	2020	0	20	36		much snow. Had to break through ice to get to small trickle of flowing water.		
KB-356	4/30/06	1:05 PM	Stream	6.0	4.9	10.2	81.3%	833	847	180	7.13	7.00	0.0231	0.0570	0.0039	1.5131	6100	10020	100	20	94		High water, very turbid	second vial number is tp110. Coliscan 1ml was taken from bottle in	
KB-356	5/14/06	3:20 PM	Stream	9.0	9.5	10.3	88.8%	968	962	76	6.33	7.25	0.0214	0.0553	0.0033	0.6777	1500	1540	0	40	94		Still turbid-water level lower		
KB-356	5/29/06	1:55 PM	Stream	13.0	13.5	9.3	88.2%	27.5	27.3	103	7.32	7.45	0.0167	0.0568	0.0018	0.3787	1500	1520	0	20	91		noted 4 inch black pvc pipe downstream approximately 10 ft from site. Possibly	D.O. does not meet DQO.	
KB-356	6/11/06	2:08 PM	Stream	9.0	8.7			13.6	12.2	171	7.36	7.50	0.0244	0.0449	0.0028	0.3791	1700	1760	0	160	93		need new camera.		
KB-356	7/9/06	11:44 AM	Stream	14.0	13	9.9	96.2%	4.2	4.2	196.5	7.64	7.50	0.0242	0.0322	0.0052	0.2645	5500	8000	0	20	93		water low. Tall pushki, nettles, jewel weed surround site.		
KB-356	8/1/06	2:00 PM	Stream	14.0	13.5	6.9	65.8%	3.65	3.61	175.5	7.25	8.00	0.0302	0.0359	0.0062	0.2836	500	660	200	60	93				
KB-356	8/13/06	5:10 PM	Stream	13.0	12.5	7.5	70.7%	4.16	4.19	18.1	7.06	8.00	0.0303	0.0445	0.0074	0.3152	5900	6240	0	80	93				
KB-356	8/27/06	1:47 PM	Stream	11.0	11.8	9.8	88.7%	12.8	12.6	153	6.91	7.50	0.0221	0.0545	0.0058	0.4135	11900	12060	0	40	93				
KB-356	9/24/06	12:15 PM	Stream	8.0	7.2	10.2	85.4%	4.73	4.82	201.5	7.43	8.00	0.0190	0.0383	0.0059	0.3819	7500	20000	0	120	93				
KB-356	10/29/06	11:45 AM	Stream	3.5	3.1	10.5	78.1%	26.2	26.7	137	6.67	7.50					30100	30240	100	240	91		The edges of the stream have ice, water thermometer column broken.		
KB-356	11/11/06	1:11 PM	Stream	1.0	0.3	10.1	71.1%	4.75	4.81	138	6.70	6.75					17300	12780	0	0	93		There is about 8 inches of snow on the ground.	no lab data	
Upper Palmer Creek																									
KB-358	7/8/06	4:37 PM	Stream	13.9	13.9	9.2	88.8%	5.24	5.18	145	8.08	8.30	0.0306	0.0259	0.0058	0.2598	5400	5620	100	40			Joined by friend Marina Critchett. Earthy, still no wind, more vegetation, more BUGS! Stream		
Mariner Creek at HSWCD																									
KB-370	1/11/06	6:30 PM	Bucket	5.5	3.1	12.8	105.1%			175	6.76	7.75	0.0170	0.1548	0.0039	0.9538	1800	1460	0	0	25		Water is clear and flowing. Ice on edges of creek.		
KB-370	4/19/06	6:45 PM	Bucket	7.0	9.4	12.4	108.0%	119	118	141	7.27		0.0228	0.0638	0.0038	1.2238	5000	5020	0	20	56		also volunteering: kasey aderhold, chelsey nieman, hannah bradley, lindsay olsen	not sure if meter was calibrated. Accompanied by many kids in class.	
KB-370	5/16/06	3:45 PM	Stream	9.0	8.5	10.3	88.8%	28.3	28	114	7.58	7.00									36			no e. coli data	
KB-370	6/13/06	8:03 AM	Stream	11.0	9.6	10.2	92.3%	18.3	18.5	201	7.65	7.50					10000	10000	0	20	39		low water.		
Fritz Creek @ East End Road																									
KB-533	5/6/06	1:50 PM	Stream	3.0	2.4	9.7	72.4%	94	91.9	46	6.89	6.75					1400	1000	100	0	91		Lots of downed trees. Bridge in poor condition.	Phase III two data sheets for this day both jessica and rebecca sampled.	
KB-533	6/18/06	12:17 PM	Stream	8.0	8.8	10.0	86.2%	4.86	4.86	71.5	7.68	7.25	0.0246	0.0225	0.0037	0.1908	1000	1040	0	40	39	25		The mosquitos are feasting. Creek fairly clear. Looks like there has been recent dort work in	
Fritz Creek @ East End Road																									
KB-535	1/29/06	2:30 PM	Bucket	.5	1.3	12.2	84.2%	5.61	5.68	134	6.61	7.00	0.1645	0.1695	0.0042	0.4497	400	500	0	0	36		Cold. Sample taken by chopping a hole in the ice at the edge of the culvert, inside of it. Plenty of		
KB-535	3/26/06	2:00 PM	Stream	.0	1.1	11.5	79.6%	5.25	5.17	149	6.47	7.25					1100	960	0	60	36	36		Need data sheets, thiosulfate, and a new camera. Substantial road grime on snow/ice in	coliform sample collected next morning.
KB-535	4/30/06	2:50 PM	Bucket	3.0	4.1			16.6	16.8	65	6.30	7.25	0.0403	0.0441	0.0026	0.1453	50400	40000	400	600	57	46		It is a darn fine day at fritz creek.	no dissolved oxygen sample taken.
KB-535	5/14/06	2:00 PM	Stream	4.0	4.6	10.7	81.3%	33.8	33.9	50	5.58	7.00	0.0308	0.0379	0.0026	0.3872	1300	1100	0	0	51	39		Learned how to measure stage by speaking with Ed Parkin (sp?) of USGS last week. See sketch.	
KB-535	5/28/06	2:30 PM	Stream	7.0	8.4	10.2	83.5%	24.7	24.5	58.5	6.45	7.00	0.0244	0.2105	0.0163	0.2833					67	67		Stage and 1/2 from atop top downstream gauge. Bank full. Pipette Distilled water.	no sterile pipette, so no e. coli sampling.
KB-535	6/26/06	3:55 PM	Bucket	8.5	10.3	11.1	94.3%	10.37	10.41	80	6.68	7.75	0.0214	0.0197	0.0031	0.1910					57	56		very buggy.	E. Coli was played 2 days later and did not meet DQO
KB-535	7/9/06	1:35 PM	Bucket	12.0	16.6	9.3	85.9%	2.53	2.58	97	7.66	7.75	0.0368	0.0470	0.0059	0.2615	300	880	0	0	42	36		4 ducks in backwater, flew away on my arrival.	used new meter c55
KB-535	8/13/06	2:36 PM	Bucket	11.0	11.9	10.1	91.4%	3.09	3.04	98.5	8.18	7.75					3300	2940	0	0	42	39		it has been a cool cloudy summer. Rained about .5 inches over last days. Stage: estimated at 10	
KB-535	8/27/06	3:20 PM	Stream	9.0	10.3	10.7	92.0%	4.4	4.45	65	10.39	7.38	0.0294	0.0384	0.0031	0.1547	50500	20000	500	0		39		Stage = 7 inches. To lower gauge below road	
KB-535	9/24/06	3:00 PM	Stream	6.0	6.6	11.2	89.7%	3.55	3.56	78	8.31	7.25	0.0346	0.0587	0.0030	0.1669	7500	10000	0	0	42	36		need MgSO4, data sheets, calibration solutions.	magnesium sulfide just barely expired for DO test. E. coli plated next day.
KB-535	10/29/06	2:05 PM	Stream	.0	0.3	13.6	94.1%	10.84	10.63	68.5	8.74	7.00					6500	6000	0	0	48	91		Some ice around edges of pool. Water looks a cloudy and warmer after extended cold temps.	
KB-535	11/26/06	12:40 PM	Stream	.0		13.5	93.4%	3.3	3.36			6.75					4500	5940	0	20	39	36		Chopped through thirteen inches of ice in culvert	no combo meter data.
Fritz Creek at Stepping Stone Lake																									
KB-537	11/27/06	12:30 PM	Stream	.0	0.2	10.8	74.2%	4.16	4.13	111	6.54	6.75					5600	5040	0	0		93	chipped through two layers of ice. Left sample bottle at lab, so collected bucket	Phase III	
Upper Fritz Creek at Eagleaerie Road																									
KB-539	5/29/06	1:00 PM		4.5	5.4	10.1	78.0%	6.27	6.21	44	6.95	6.75	0.0148	0.0372	0.0021	0.3381	500	520	0	20	36			first time site has been accessible this year. All snow is gone.	
KB-539	8/27/06	12:32 PM	Stream	5.0	5	9.1	71.1%	2.35	2.34	53	7.00	7.00	0.0068	0.0106	0.0008	0.0902	0	0	0	20					
McNeil Creek @ McNeil Canyon School																									
KB-545	5/25/06	2:25 PM	Stream	7.0	7.5	8.9	73.4%	3.19	3.16	18	5.20	6.50	0.0096	0.0267	0.0036	0.0344	3200	3040	200	40				Deployed tidbit, water high and brown.	Erin Babcock

Site ID	Collection Date	Collection Time	Location	Temperature °C		Dissolved Oxygen %		Turbidity		Conductivity Hanna Meter	Hanna Meter	pH	Colorimetric	Ortho-Phosphate	Amonia	Nitrite	Nitrite/Nitrate	Coliform (cfu/100ml)		E. coli (cfu/100ml)		BCS color # (2 1/2 gal) (50 ml)	Comments and Observations	Data Entry Comments			
				Thermometer	Hanna Meter	(mg/l)	Saturation	NTU 1	NTU 2									1ml	5ml	1ml	5ml						
McNeil Creek @ McNeil Canyon School																											
KB-545	6/11/06	2:39 PM	Stream	8.0	7.7	9.8	82.2%	1.29	1.28	25	5.84	6.75	0.0060	0.0205	0.0020	0.0211	200	160	0	0			Light rain an hour ago. Picked up trash. Didn't see temp logger. No explanation for discrepancy	used old filter. E.coli sample was refrigerated overnight and plated the			
KB-545	7/30/06	1:45 PM	Stream	9.5	8.9	9.2	79.4%	3.67	3.67	42	6.24	6.75	0.0046	0.0129	0.0013	0.0413	1500	1020	0	20			light sprinkle of rain this morning. Brown algae on surface and submerged rocks.				
KB-545	9/25/06	12:35 PM	Stream	4.5				1.02	1.03				0.0032	0.0316	0.0067	0.0211	500	2000	0	0			Tidbit collection. Just took partial sample.	tidbit collection, just took partial sample			
Rice Creek @ Wieland Property																											
KB-550	4/30/06	2:12 PM	Stream	.8	1.4			6.44	6.49	63	5.94	6.75	0.0392	0.0176	0.0009	0.1426							91	about 5 inches of ice at monitoring spot. Other areas of creek are open and others	too shallow to get DO sample or e.coli sample..		
KB-550	5/28/06	3:28 PM	Stream	4.0	5.6	9.9	75.2%	6.66	6.72	73	6.05	7.00	0.0325	0.0162	0.0014	0.1069	0	0	0	0			120	moved about 10 feet downstream for deeper spot about 3 feet deep in pool	problems with incubator, temp varied between 84 and 98. may not want to		
KB-550	6/13/06	1:00 PM	Stream	3.5	4.9			2.96	2.96	72	6.11	6.75	0.0357	0.0134	0.0013	0.0797	700	1220	0	20			91	Very shallow 1 to 2 inch depth. Monitor small pool approx 2 to 3 inches deep.			
KB-550	6/25/06	2:14 PM	Stream	4.5	6			4.54	4.54	81	6.01	6.75	0.0335	0.0104	0.0008	0.1014	900	1000	0	0			91	Very shallow monitor site in very small pool about 2 inches deep. Looks about to	too shallow to get D.O. sample.		
KB-550	8/27/06	10:10 AM	Stream	6.5	7.7	10.1	81.7%	16	15.7	80	5.94		0.0399	0.0227	0.0031	0.1461	2400	2440	0	20			120	approx 1.5 feet deep at pool. Creek started filling about 12 days ago with lots of rain.	could not find e coli results		
KB-550	9/24/06	1:50 PM	Stream	6.0	7.1	10.2	84.0%	2.47	2.46	96	6.33	6.75	0.0385	0.0060	0.0008	0.1054	5000	10000	0	200			120	Water a bit higher after last week's rain. Lots of leaves in water about 3 inches deep at pool.			
KB-550	9/29/06		Stream	5.5													6600	6120	0	0				Second sample for e. coli only. Water approx 4 inches deep. Lots of rain yesterday, good flow	e. coli sample only.		
KB-550	10/30/06	12:50 PM	Stream	2.0	3.5	11.9	86.4%	2.45	2.47	97	5.95	6.75					2500	3000	0	0			120	lots of leaves in water. Approx. 3" deep max. heavy rain yesterday. Creek bank undergrown			
Rice Creek @ Stenchcomb Well																											
KB-556	5/14/06	12:50 PM		5.5	5.9	9.9	79.6%	9.09	9.1	53	6.47	6.75					100	60	0	40			91	Stream thawed April 17. Flow high now, new subdivision proposed by skyhouse above road.			
KB-556	5/28/06	1:10 PM	Stream	11.0	11.4	8.9	81.5%	5.07	5.03	68	6.70	6.75	0.0172	0.0191	0.0012	0.0211	0	260	0	180			91	Water clear higher than average. Much activity upstream. Slaybrough has subdivided and hopes			
KB-556	6/28/06	2:50 PM		11.5	12.3	8.0	73.0%	4.47	4.49	77.5	6.57	6.75	0.0143	0.0113	0.0008	0.0211	0	0	0	0			91	Dave recently deepened the pool by digging out the rocks and moving them to form a small dam.			
KB-556	7/12/06	4:05 PM	Stream	8.5	8.7	7.7	65.9%	2.47	2.52	105	6.71	6.50					100	140	0	0			93	Water flow very slow. May dry up if no rain.			
KB-556	7/25/06	5:20 PM	Stream	9.0	9.8	4.9	42.3%	2.26	2.3	119.5	5.84	6.25	0.0181	0.0378	0.0008	0.0941	2800	6680	700	680			91	Stream barely running despite several days of slight precipitation. Just a puddle			
KB-556	7/31/06	4:31 PM						3.84	3.8			6.25	0.0258	0.0808	0.0016	0.2589	0	100	0	40				Because of unusual pH, o2 and bacterial readings on 7/24, we redid this site to see if rain	Volunteer went out to sample e.coli to see if it had declined since last week.		
KB-556	8/11/06	4:00 PM	Stream	11.0	11.5	8.2	74.2%	10.29	10.27	85.5	7.17	6.63	0.0226	0.0289	below MD	below MD	1500	1560	0	40			91	Stream running again due to rainfall.	used meter c-52		
Neptune Bay																											
KB-887	4/25/06	12:10 PM	Stream	4.5				1.73	1.79			8.50													The first trip of the year to Neptune Bay. We were there to unload lumber and did not take the	just sample taken, no other measurements.	
KB-887	6/24/06	6:58 PM	Bucket	11.0	11	9.7	88.1%	3.78	3.81		8.17	8.50	0.0597	0.0171	0.0010	0.0352							93	no salmon present. Todd Gustafson also volunteered. No sketch			
KB-887	7/10/06	1:30 PM	Bucket	11.0	12.2	8.7	80.3%	30.7	30.8		8.09	8.00											120	Salmon purse seiners actively fishing just beyond site. Reds, Dolly varden being caught. Sample	no coliform test done		
KB-887	7/24/06	3:09 PM	Bucket	10.0		9.6	84.8%	33.9	33.4			8.00											106	A few red salmon still present. Seining effort very slow. Poor season. Tide almost high, therefore	No hanna meeting readings.		
KB-887	8/13/06		Bucket	12.0	11.9	8.9	82.5%				8.20	7.88											104	Rain, high tide added to turbidity. Turbid but black dot visible in 50 ml turbidity column	no water sample taken. No bacteria sample. Cond reading not done.		
Miller Creek (downstream of East End Road)																											
KB-951	2/26/06	12:15 PM	Stream	.0	3.8	12.9	98.6%			246	7.10	7.25					0	0	0	0	39	36	sample taken in middle of culvert - at lower end.				
KB-951	3/26/06	11:28 AM	Stream	1.5	5	12.8	97.4%	20.2	20.2	256	6.94	7.25					500	0	0	100	39	36	Problem with Alk. Pot. Iodide and starch indicator - the bottle is plugged up.				
KB-951	4/30/06	2:00 PM	Stream	7.5	10.7	10.3	87.5%	986	976	162	7.03	7.50											94	48		E. coli taken to office for counting because there was so much. do not water too silty to tell pH	
KB-951	5/14/06	2:00 PM	Stream	11.5	14.4	9.9	96.5%	3190	3150	102	7.02	7.00	0.0122	0.1227	0.0080	0.5877	200	120	0	0	61	55				colormetric	
KB-951	5/29/06	2:10 PM	Stream	14.5	16.2	9.4	95.2%	39.2	40.8	195	7.40	7.50	0.0183	0.2496	0.0097	0.2932	0	500	0	0	48	36			We did this a day late - Monday instead of Sunday		
KB-951	6/11/06	1:53 PM	Stream	8.0	11.2	11.8	104.2%	4.04	4.03	227	7.34	7.50	0.0184		0.0129	0.2531	0	0	0	0	48	36					
KB-951	6/25/06	1:43 PM	Stream	12.0	14	9.9	94.3%	14.6	14.4	245	7.74	7.50	0.0361	0.0756	0.0074	0.5335					48	36			Bacteria counted at lab	could not find bacteria data	
KB-951	7/9/06	1:30 PM	Stream	14.0	16.2	9.1	91.8%	18.7	18.3	257	7.82	7.50									48	36			pH seems to be much closer (hanna and other test) since we began using 10.01 instead of 4.01	problem with starch indicator drops. Doesn't flow from bottle. Could not	
KB-951	7/30/06	1:45 PM	Stream	10.5	13.1	9.9	91.0%	22.5	22.2	267	7.61	7.50					0	1060	0	120	46	36			Many bad words said about starch indicator dropper! Need new one. Too much time invested		
KB-951	8/27/06	2:02 PM	Stream	12.0	14.6	9.9	96.9%	32.3	32.6	253	7.48	7.50					400	1940	0	40	48	36					
KB-951	9/24/06	10:37 AM	Stream	7.0	10	10.4	89.7%	19.2	19.3	245	8.00	7.50					0	100	0	20	48	36			sampled early due to COASST training.	no lab data	
KB-951	10/29/06	1:52 PM	Stream	3.0	6.4	11.6	89.2%	46.4	46.9	211	7.77	7.50					500	440	0	0	51	39					
KB-951	11/26/06	1:30 PM	Bucket	1.0	3.5	10.9	81.8%	15.1	15	296	6.68	7.00					200	380	0	20	39	36			calibrated hanna meter to 7.01 and 10.01, but pH was below 7.01		
Miller Creek (upstream of East End Road)																											
KB-952	4/30/06	2:06 PM	Stream	7.5	8	6.2	51.8%	1316	1322	168	6.90	7.00	0.0126	0.2078	0.0063	1.1586	8200	11520	1200	1520	94					undercut expanding more quickly with high water levels.	
KB-952	5/14/06	1:20 PM	Stream	9.5	10	6.1	53.2%	2230	2285	104	6.66	7.00	0.0144	0.1580	0.0084	0.6545	10100	10040	100	40			94		water clarity way up. Previous flood sediments flushed from actual flow channel. It seemed		
KB-952	5/28/06	2:26 PM	Stream	17.0	16.5	6.6	69.0%	62.8	61.8	189	7.63	7.75	0.0253	0.2650	0.0109	0.3350	3800	4000	2800	2500			55		Silty water on arrival. Water cleared up within 3 minutes. Wish I could have sampled both.		
KB-952	6/11/06	1:41 PM	Stream	9.0	9.5	7.9	68.1%	22.2	22.5	236	7.25	7.25	0.0153	0.2895	0.0114	0.2738	2200	3000	0	0			36				

Site ID	Collection Date	Collection Time	Location	Temperature °C		Dissolved Oxygen %		Turbidity		Conductivity Hanna Meter	Hanna Meter	pH Colorimetric	Ortho-Phosphate	Amonia	Nitrite	Nitrite/Nitrate	coliform (cfu/100ml)		E. coli (cfu/100ml)		BCS color # (2 1/2 gal) (50 ml)		Comments and Observations	Data Entry Comments	
				Thermometer	Hanna Meter	(mg/l)	Saturatio	NTU 1	NTU 2								1ml	5ml	1ml	5ml					
Miller Creek (upstream of East End Road)																									
KB-952	6/27/06	12:45 PM	Stream	11.2	11.9	5.2	47.0%	12.6	12.4	246.5	7.31	7.25	0.0187	0.2542	0.0145	0.3250	13200	13000	0	0		36			
KB-952	7/9/06	12:30 PM	Stream	13.0		4.5	43.0%	17.4	17.7			7.25	0.0227	0.1565	0.0173	0.3738	6000	11000	0	40		39	Slump downstream from site and grass laying in creek just up from slump causing very mild flow	hanna meter doesn't work.	
KB-952	7/23/06	1:48 PM	Stream	10.5	10.9	6.8	61.1%	18.6	18.7	307	7.74	7.75	0.0227	0.1390	0.0151	0.3661	12900	12740	500	100		39	Water is very opal in tone. Undercut has been slowly deepening over summer so far. This was		
KB-952	7/30/06	4:24 AM	Stream	10.5	11	6.6	59.3%	22.8	23	318	7.63	7.75	0.0411	0.1051	0.0159	0.3964	10300	10660	300	660		39	water continues to have "opal" quality of color.		
KB-952	8/13/06	1:41 PM	Stream	11.5	12	4.6	42.4%	28.4	28.5	304	7.38	7.50	0.0267	0.1427	0.0214	0.4696	10200	10160	0	40		39	Nice bank vegetation and flower variety. Water still opal. DO is down.		
KB-952	8/27/06	1:48 PM	Stream	11.0	11.5	6.2	55.8%	28.7	29.3	302	7.77	7.75	0.0240	0.2949	0.0162	0.4102	11700	11920	0	0		39	Fresh mow on both side of creek.		
KB-952	9/24/06	1:10 PM	Stream	8.8	8.9	4.1	32.7%	19.1	18.9	289		7.00					15000	20000	0	60		36			
KB-952	10/7/06	12:30 PM	Stream	7.0	7.5	8.6	70.9%				7.02	7.00					10700	10000	700	320		55	Undercut slumping a bit more and more lately.	no lab data	
KB-952	10/28/06	1:40 PM	Stream	.0	0.2	10.1	69.5%	20.2	20.4	278	6.98	7.00					5100	5080	100	80		36			
Waterman Creek																									
KB-970	1/29/06	3:25 PM	Stream	.0	0	14.8	103.2%	17.2	17.7	28	7.40	7.75					2500	2500	0	0		36	recent snow fall and cold temperatures required me to cut through ice and snow		
KB-970	4/30/06	3:47 PM	Stream	5.0	4.7			1056	1068		8.03	8.25												IMPORTANT!! Did not have distilled water for tests	Only partial sample, volunteer did not have all supplies. Do not use d.o.
KB-970	6/20/06	9:42 AM	Stream	12.0	11.1	9.5	87.7%	260	259	353	8.20	8.38	0.0114	0.1305	0.0181	0.9673	10500	10000	500	360		55	size of stream greatly reduced	monitoring kit 21s	
KB-970	9/24/06	2:25 PM	Stream	9.2	9.2	11.9	102.8%	20.2	22	366	7.80	8.50	0.0106	0.1735	0.0150	0.6711	5000	10000	0	0		39	running strong		
KB-970	10/29/06	2:15 PM	Stream	3.0	2.2	15.2	113.1%	15.3	15.6	330	8.05	7.75					15000	30080	0	80		39	Lots of leaves in and around stream. Strong flow and reddish color to stream. Tannic acid from		

## Macroinvertebrate Data Sheets AR-1015

Tuesday, June 13, 2006

EPT Worksheet	Estimated number in entire sample	Number of Different types within each group	Abundance Code (R, C, or D)
Mayflies (E) Ephemeroptera	203	3	D, C,R
Stoneflies (P) Plecoptera	23	3	C, R
Caddisflies (T) Trichoptera	23	2	C, R
<b>EPT Richness total</b>	249	EPT =8	
Midges	180	3	D
Craneflies	1	1	R
Blackflies	80	1	C
Aquatic Mites	140	1	D
Beetles			
Dragonflies			
Damselflies			
Scuds			
Snails			
Clams/Mussels			
Worms	15	1	C
Leeches			
Flatworms	1	1	R
Other			
<b>Non EPT Richness Total</b>	417	Non EPT =8	
	Total Organisms (Density) = 666	Total Taxa (Richness) =16	

Conductivity: 63  $\mu$ s/cm  
 Water Temperature: 8.5 °C  
 pH: 7.70  
 Discharge: 32.9 ft<sup>3</sup>/sec

Water Quality Rating: 50.6  
 Habitat Assessment Rating: 73  
 %EPT: 60

## Macroinvertebrate Data Sheets AR-1034

Wednesday, June 14, 2006

EPT Worksheet	Estimated number in entire sample	Number of Different types within each	Abundance Code (R, C, or D)
Mayflies (E) Ephemeroptera	183	3	D
Stoneflies (P) Plecoptera	0	0	
Caddisflies (T) Trichoptera	8	1	R
<b>EPT Richness total</b>	191	EPT =4	
Midges	20	2	C
Craneflies			
Blackflies	40	1	C
Aquatic Mites	60	1	C
Beetles			
Dragonflies			
Damselflies			
Scuds			
Snails			
Clams/Mussels			
Worms	15	1	C
Leeches			
Flatworms			
Other			
<b>Non EPT Richness Total</b>	135	Non EPT =5	
	Total Organisms (Density) = 326	Total Taxa (Richness) =9	

Conductivity: 54  $\mu$ s/cm  
 Water Temperature: 7.1 °C  
 pH: 7.25  
 Discharge: 11.85 ft<sup>3</sup>/sec

Water Quality Rating: 25.9  
 Habitat Assessment Rating: 77  
 %EPT: 58.6

## Macroinvertebrate Data Sheets AR-1090

**Wednesday, June 14, 2006**

EPT Worksheet	Estimated number in entire sample	Number of Different types within each group	Abundance Code (R, C, or D)
Mayflies (E) Ephemeroptera	6	2	R
Stoneflies (P) Plecoptera	1	1	R
Caddisflies (T) Trichoptera	16	1	C
<b>EPT Richness total</b>	23	EPT =4	
Midges	200	2	D
Craneflies	1	1	R
Blackflies			
Aquatic Mites	10	1	R
Beetles			
Dragonflies			
Damselflies			
Scuds			
Snails			
Clams/Mussels			
Worms	10	1	R
Leeches			
Flatworms			
Other	20	1	C
<b>Non EPT Richness Total</b>	241	Non EPT =6	
	Total Organisms (Density) = 258	Total Taxa (Richness) =10	

Conductivity: 32  $\mu$ s/cm  
 Water Temperature: 8.2 °C  
 pH: 7.17  
 Discharge: 7.39 ft<sup>3</sup>/sec

Water Quality Rating: 27.3  
 Habitat Assessment Rating: 74  
 %EPT: 6.6

**Tuesday, August 29, 2006**

EPT Worksheet	Estimated number in entire sample	Number of Different types within each	Abundance Code (R, C, or D)
Mayflies (E) Ephemeroptera	0	0	
Stoneflies (P) Plecoptera	9	1	C
Caddisflies (T) Trichoptera	12	1	C, R
<b>EPT Richness total</b>	21	EPT =2	
Midges	150	3	C
Craneflies			
Blackflies	1	1	R
Aquatic Mites	65	1	C
Beetles	20	1	C
Dragonflies			
Damselflies			
Scuds			
Snails			
Clams/Mussels			
Worms			
Leeches			
Flatworms			
Other			
<b>Non EPT Richness Total</b>	236	Non EPT =6	
	Total Organisms (Density) = 257	Total Taxa (Richness) =9	

Conductivity: 29  $\mu$ s/cm  
 Water Temperature: 9.9 °C  
 pH: 6.75  
 Discharge: 9.43 ft<sup>3</sup>/sec

Water Quality Rating: 23.2  
 Habitat Assessment Rating: 55  
 %EPT: 8.2

## Macroinvertebrate Data Sheets KB-1140

**Wednesday, June 14, 2006**

EPT Worksheet	Estimated number in entire sample	Number of Different types within each group	Abundance Code (R, C, or D)
Mayflies (E) Ephemeroptera	220	3	D, C
Stoneflies (P) Plecoptera	5	1	R
Caddisflies (T) Trichoptera	1	1	R
<b>EPT Richness total</b>	226	EPT =5	
Midges	180	3	D
Craneflies			
Blackflies	50	1	
Aquatic Mites	75	1	C
Beetles			C
Dragonflies			
Damselflies			
Scuds			
Snails			
Clams/Mussels			
Worms	30	2	C
Leeches			
Flatworms			
Other			
<b>Non EPT Richness Total</b>	335	Non EPT =7	
	Total Organisms (Density) = 561	Total Taxa (Richness) =12	

Conductivity: 81  $\mu$ s/cm  
 Water Temperature: 6.8 °C  
 pH: 6.25  
 Discharge: N/A ft<sup>3</sup>/sec

Water Quality Rating: 29.7  
 Habitat Assessment Rating: 82  
 %EPT: 40.2

**Monday, August 28, 2006**

EPT Worksheet	Estimated number in entire sample	Number of Different types within each	Abundance Code (R, C, or D)
Mayflies (E) Ephemeroptera	106	3	C, R
Stoneflies (P) Plecoptera	5	1	R
Caddisflies (T) Trichoptera	13	2	C,R
<b>EPT Richness total</b>	124	EPT =5	
Midges	80	1	C
Craneflies			
Blackflies	5	1	R
Aquatic Mites	15	1	C
Beetles	1	1	R
Dragonflies			
Danceflies			
Scuds			
Snails			
Clams/Mussels			
Worms	15	1	C
Leeches			
Flatworms			
Other			
<b>Non EPT Richness Total</b>	116	Non EPT =5	
	Total Organisms (Density) = 240	Total Taxa (Richness) =10	

Conductivity: 60  $\mu$ s/cm  
 Water Temperature: 6.8 °C  
 pH: 7.26  
 Discharge: 5.3 ft<sup>3</sup>/sec

Water Quality Rating: 23.9  
 Habitat Assessment Rating: 80  
 %EPT: 51.7