

			Alert Level		<4.0						250			250			240	
			Minimum Detection Level (MDL)							0.015			0.002					
ID#	Date	Stream	Location	Sampler	Dissolved Oxygen mg/L	pH	Celsius Temperature	ms/cm Conductivity (Field)	ms/cm Conductivity (Lab)	mg/L Total Nitrogen	mg/L Total Phosphorus	mg/L Chloride	mg/L Nitrate (NO3)	mg/L Nitrate-N (NO3-N)	mg/L Sulfate (SO4)	mg/L Total Suspended Solids	CFU /100ml Total Coliform	CFU /100ml E. coli
U01	10-Sep-05	Poor Fork	Above 421 bridge @ Baxter	Harris	6.4	8	20	390	890	0.33	0.015	12.8	0.3	0.07	123	7	7308	82
U06	10-Sep-05	Clover Fork	Hwy 38, 0.8 mi past Yocum Cr	Brock					776	0.36	0.015	11.6	0.3	0.07	95	1.5	11588	148
U07	10-Sep-05	Clover Fork	NE of Harlan on KY 38, 1st RR xing	Harris	5.4	8	20	380	739	0.39	0.04	12.3	0.2	0.04	99.9	20	12976	104
U114	10-Sep-05	Greasy Creek	One mi off Hwy 92	Carroll	7	7.5	20	270	367	0.28	0.015	7.6	0.1	0.02	58.7	10	8704	104
U117	10-Sep-05	Hances Creek	20 ft from Pittmans Creek Rd bridge	Wilder		7.5	18		943	0.13	0.015	2.2	0.3	0.07	448	5	15402	194
U12	10-Sep-05	Clear Fork	across from Piney Grove Ch	Wilder	9.6	7	16		1001	1.63	0.015	1.7	6.6	1.49	497	4	24066	402
U120	10-Sep-05	Crummies Creek	Mouth of Crummies Creek	Brock					1612	0.38	0.015	6.1	1.5	0.34	697	8	>48392	104
U121	10-Sep-05	Turtle Creek	Mouth of Turtle Cr, W of 421	Brock					900	0.14	0.03	3.4	0.6	0.14	271	1.5	34658	570
U123	09-Sep-05	Brushy Creek	at KY 70	Sherman					277	0.22	0.1	10.5	0.2	0.04	2.5	1.5	6896	<20
U124	10-Sep-05	Bee Lick Creek	at KY 3267	DeBord					243	0.74	0.015	13	0.01	0.002	2.5	6	12262	40
U130	10-Sep-05	Indian Creek	200yds S of bridge on KY 700 E	Walker	6.9	6.5	19	150	128	0.26	0.015	2.9	0.01	0.002	38	4	4092	172
U134	10-Sep-05	Little South Fork	Kidds Crossing	Carrender	6.6	7.4	20		639	5.66	0.015	67.8	0.2	0.04	91.5	1.5	4284	40
U135	10-Sep-05	Clifty Creek	Elrod, Silver Star Rd bridge	Carrender	4.6	7.2	19		258	0.29	0.015	6.9	0.01	0.002	7	1.5	10344	40
U137A	10-Sep-05	Buck Creek	200 ft W from old 461 bridge	Jones					181	0.25	0.03	6.4	1.1	0.25	9.2	3	6896	82
U14	10-Sep-05	Yellow Creek	2.5 mi on Rt 188 from 25e	Wilder	8.4	7.5	21		841	5.32	0.56	20.7	14.8	3.34	267	11	10950	40
U147	10-Sep-05	Buck Creek	downstream from 192 bridge	Barnett	6.5	7.7	20	220	212	0.57	0.04	6.6	2.2	0.5	10.4	1.5	4196	20
U148	10-Sep-05	Coyote Creek	Behind K's home	Williams	3	7.2	19	520	489	0.25	0.23	6.9	0.01	0.002	21.8	35	>48392	9222
U149	10-Sep-05	Little Clifty Creek	0.3 mile up from Rt 635	Cox	8	7	18	270	256	0.34	0.015	5.7	1.5	0.34	16.9	5	9222	40
U18	10-Sep-05	Straight Cr L Fk	~4 mi from fork at Hwy 66 bridge	Brock	86	7.5	21		905	2.24	0.015	21.5	0.6	0.14	310	9	12976	104
U19	10-Sep-05	Straight Creek	.5 mile upstream from jct of Left Fk	Brock	84	7.5	22		816	0.19	0.015	3.8	0.5	0.11	360	4	22398	268
U203	10-Sep-05	Bee Lick Creek	Friendship Church Rd	DeBord					187	0.36	0.07	11	0.1	0.02	2.5	6	8704	<20
U23	10-Sep-05	Jellico Creek	100m upstream of HWY 478 bridge	Early	7.2	6.8	20		311	0.18	0.015	3.8	0.1	0.02	92	1.5	3316	104
U231	10-Sep-05	Pine Hill Stream	about 2 mi from I75 on Hwy 25	Dobbs	8.2	8.5	17	530	545	3.11	0.015	42.2	8.4	1.9	29.8	1.5	28272	170
U232	10-Sep-05	Fletchers Spring	1 mi N of Sand Spring	Bledsoe	8.8	7.75	13	510	483	2.2	0.015	11	9.7	2.19	54	4	1816	<20
U234	10-Sep-05	Roundstone Creek	Sinks of Roundstone, Mullins St Rd	Estapp	6.7	7.5	21		351	1.99	0.015	17.1	7	1.58	20.9	4	4128	20
U235	10-Sep-05	Crooked Creek	Mullins Spring Cave, at drip line	Stich	19.5	7	11	260	276	1.21	0.015	9.8	5.3	1.2	6.6	1.5	538	<20
U236	10-Sep-05	Crooked Creek	Goochland Cave, at dripline	Addington	9.2	7.25	12	170	231	0.57	0.015	3.3	2.5	0.56	7.6	1.5	172	<20

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ID#	Date	Stream	Location	Sampler	mg/L		Celsius	ms/cm	ms/cm	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	CFU /100ml	CFU /100ml	
					Dissolved Oxygen	pH	Temperature	Conductivity (Field)	Conductivity (Lab)	Total Nitrogen	Total Phosphorus	Chloride	Nitrate (NO3)	Nitrate-N (NO3-N)	Sulfate (SO4)	Total Suspended Solids	Total Coliform	E. coli
U239	10-Sep-05	Pine Hill blue hole	Mullins Station Rd	Estepp	9.1	7.5	16		479	2.47	0.015	31.3	7	1.58	28.5	1.5	1406	20
U247	10-Sep-05	Marrowbone Creek	where Chism Rd crosses creek	Williams	7	7.5	22	330	285	0.25	0.015	9.7	0.1	0.02	25.9	4	6510	62
U248	10-Sep-05	Bear Creek	at mouth, near BSFk gauge station	Jones	6.4	6.5	20	220	207	0.13	0.015	4.7	0.4	0.09	78.6	1.5		0
U249	10-Sep-05	Paint Rock Creek	at Rt 63 crossing	Crowley	7	7.5	17	200	228	0.23	0.015	10.5	0.3	0.07	32.6	1.5		100
U25	10-Sep-05	Rockcastle River	Billows, old Hwy 80 bridge	Edwards	7	7.5	21.5	310	283	0.75	0.015	9.8	1.6	0.36	25.3	1.5	3316	20
U250	10-Sep-05	New River	at flat creek	Crowley	8	7	20	200	216	0.14	0.015	1.5	0.1	0.02	56.6	1.5		0
U251	10-Sep-05	Roaring Paunch	Blue Heron RR crossing	Whitaker	8.1	6.5	23	190										0
U254	10-Sep-05	Wolf Creek	KY 92 W below Yamacraw bridge	Jones	4	6.5	20	390	376	0.12	0.015	5.1	0.01	0.002	111	1.5		0
U255	10-Sep-05	Perkins Creek	Rt 1470 below bridge	Jones	5	6.5	19	90	84	0.21	0.015	3.7	0.2	0.04	2.5	8		0
U256	10-Sep-05	Coffee Holler Branch	200M south of Hwy 92	Owens	5.6	5.5	17		227	0.23	0.015	8.6	1	0.23	87.7	1.5		0
U257	10-Sep-05	Laurel Creek	where it enters lake	Jones	7.2	6	22	90	103	0.36	0.015	12.3	1.6	0.36	2.5	1.5		1600
U258	10-Sep-05	Marsh Creek	Bridge crossing E Hwy 1470	Canada	7.3	6.7	24	791										0
U259	10-Sep-05	Lick Creek	Mouth of Creek	Canada	8.3	6.4	22	120										0
U26	10-Sep-05	Rockcastle River	First Rapid above Bee Rock	Hawkins	9.6	6.8	23		257	0.35	0.015	7.7	0.4	0.09	41.6	1.5	2092	<20
U260	10-Sep-05	Rock Creek	White Oak jct	Owens	9.8	7.5	20		160	0.12	0.015	2.6	0.01	0.002	19.6	1.5		0
U262	10-Sep-05	Buffalo Creek	Rt 63, old hwy at bridge	Anderson	5	7	20	170	170	0.15	0.015	3.6	0.2	0.04	28	1.5		650
U265	10-Sep-05	Bridge Fork	Upstream of State DOT Road	Owens	0													2200
U266	10-Sep-05	Bridge Fork	Downstream of State DOT Road	Owens	0													3250
U28	10-Sep-05	Buck Creek	at 1003 bridge	Fries	7.2	7.75	20	230	224	0.45	0.03	7	2	0.45	11.2	5	12262	60
U309	10-Sep-05	Brushy Creek	Old Ping Rd off of Hwy 934	DeBord					388	0.34	0.05	21.7	0.4	0.09	8.3	14	48392	<20
U31	10-Sep-05	Fishing Creek	Ansel, KY. Jct. of 3264 & Ansel Rd.	Cox	6.6	7	20	260	232	0.34	0.64	7	0.4	0.09	16.4	1.5	3340	40
U313	10-Sep-05	Rush Branch	Elihu Cemetary Rd	Fogle	7.6	7.5	15	460	469	1.92	0.015	12.7	8.1	1.83	24.8	1.5	4978	126
U314	10-Sep-05	Pittman Creek	at hwy 769 bridge	Fogle	6.6	7.5	17	340	344	0.43	0.03	10	1.9	0.43	13.7	1.5	4990	82
U319	10-Sep-05	Greasy Creek	at 3280	Sherman					242	0.74	0.04	9.7	2.6	0.59	10.1	1.5	28272	244
U320	10-Sep-05	Greasy Creek	at 92, W of airport	Sherman					215	1.57	0.015	8	6	1.36	2.5	1.5	13734	62
U327	10-Sep-05	Loyall Lagoon	in Loyall. Midway	Harris	5	7.5	20	300	764	0.41	0.07	15	0.3	0.07	113	9	5510	218
U330	10-Sep-05	Cumberland River	at Rt 1530 bridge	Messer	7.1	7.5	22	550	639	0.38	0.04	12	1.2	0.27	152	6	3444	<20

			Alert Level		<4.0							250			250			240
			Minimum Detection Level (MDL)								0.015			0.002				
ID#	Date	Stream	Location	Sampler	mg/L Dissolved Oxygen	pH	Celsius Temperature	ms/cm Conductivity (Field)	ms/cm Conductivity (Lab)	mg/L Total Nitrogen	mg/L Total Phosphorus	mg/L Chloride	mg/L Nitrate (NO3)	mg/L Nitrate-N (NO3-N)	mg/L Sulfate (SO4)	mg/L Total Suspended Solids	CFU /100ml Total Coliform	CFU /100ml E. coli
U331	10-Sep-05	Crooked Creek	100 yds above confl.	Stich	9	7	19	240	290	0.23	0.015	6	0.4	0.09	17.2	1.5	9768	20
U332	10-Sep-05	Crooked Creek	Boat Dock Spring	Estepp					341	0.56	0.015	1	2.5	0.56	6	1.5	636	20
U333	10-Sep-05	Roundstone Creek	Greenfish Hill Cave	Pugh	9.4	6.8	16.5	70	604	7	0.04	29.1	20	4.52	11.2	1.5	13734	104
U335	10-Sep-05	Crooked Creek	Cooksburg Cave, above water dam	Pugh	10	7	13	30	233	0.36	0.015	1.1	1.6	0.36	26.1	1.5	1172	<20
U336	10-Sep-05	Pittman Creek	N of Somerset Pk., before bridge	Xia	9	7.6	19		349	1.92	0.09	18	3.2	0.72	19.8	11	6896	62
U337	10-Sep-05	Battery Creek	E side of US 27 at HWY 9	Owens	6.8	6.8	16	130	137	0.38	0.015	12.6	0.5	0.11	2.5	1.5		100
U338	10-Sep-05	Worley Branch	200' upstream of mouth	Owens		6	15		2897	7	0.015	26.6	0.01	0.002	1740	13		0
U339	10-Sep-05	Wolf Creek	100' upstream of mouth	Owens	6.5	7	16	390	458	0.04	0.015	1.5	0.01	0.002	119	1.5		200
U340	10-Sep-05	Bee Lick Creek	1 mi from KY 935 at Bee Lick	Jones					310	1.19	0.06	20.4	0.01	0.002	2.5	1.5	12262	<20
U366	09-Sep-05	UT to Lily Creek	Rt 92 E of Lily Creek	Sherman					232	1.02	0.03	6	4.5	1.02	7.8	1.5	6564	322
U367	10-Sep-05	Crooked Creek	Goochland Cave left resurgence	Stich	17	7	10	270	292	0.95	0.015	7	4.2	0.95	10.5	1.5	1602	40
U38	10-Sep-05	Marrowbone Creek	at 691 bridge	Williams	6.7	7.4	22	370	322	0.08	0.015	6.8	0.1	0.02	25	1.5	9222	150
U40	10-Sep-05	Big Renox Creek	off Marshall Jones Hollow Rd.	Staley	7.8	7.5	19	1460	348	0.29	0.015	5.8	0.2	0.04	58.2	4	4978	82
U41	10-Sep-05	Crocus Creek	at Eden Sprouls Rd.	Staley	6.2	7.5	21	1500	321	0.1	0.015	4.7	0.2	0.04	26.6	1.5	3030	20
U45	10-Sep-05	Roundstone Creek	The Boils of Livingston	Bledsoe	5	7.5	18	360	328	1.11	0.015	14.9	4.9	1.11	21.4	1.5	7308	<20
U54	10-Sep-05	Rockcastle River	Rt. 1329, front gate, entry ASPI	Bledsoe	7.2	7.5	20	280	264	0.23	0.015	8.3	1	0.23	32.3	1.5	2134	<20
U58	10-Sep-05	Dogslaughter Creek	at 2.7 mi. downstream of 90	Thelen	8.5	6.5	15	60	41	0.12	0.015	1.9	0.4	0.09	2.5	1.5	6896	20
U59	10-Sep-05	Cumberland River	below Cumberland Falls	Thelen	8	8.25	22	1130	572	0.39	0.015	9.9	0.5	0.11	133	1.5	3720	<20
U67	10-Sep-05	Bear Creek	Low water ford, Burton Hollow Rd.	Staley	5.6	7	24	1610	1667	11.6	0.015	410	1.4	0.32	192	5	28272	312
U69	10-Sep-05	Allen's Creek	at KY SR 90 Bridge	Williams	4.2	7.2	18	450	424	0.29	0.08	8.5	1.3	0.29	25.7	5	13734	148
U74	10-Sep-05	Lewis Creek	0.5 mi upstream of SR 61	Staley	8.2	8	20	1510	431	0.85	0.13	13.3	0.01	0.002	66.4	26	>48392	148
U78	09-Sep-05	Buck Creek	at hwy 70	Sherman					186	0.32	0.05	6.8	1.3	0.29	9.5	10	17328	196
U79	10-Sep-05	Willis Creek	upstrm jct of 1281 and 379	Staley	10.8	7.5	20	770	787	2.54	0.015	43	0.2	0.04	224	3	25994	82
U85	10-Sep-05	New River	100m downstrem US 27 bridge	Walker	7.3	7.5	21	250	204	0.12	0.015	2.8	0.2	0.04	52.3	5	2708	126
U86	10-Sep-05	Laurel River	Upstream Corbin City Lake	Litteral	6.6		19	420	456	2.65	0.17	35.1	0.4	0.09	51.2	9	19608	<20
U92A	10-Sep-05	Brushy Creek	Mouth near Buck Ck	Jones					277	0.22	0.03	10.4	0.01	0.002	2.5	1.5	2306	62
U934	10-Sep-05	Little Richland Creek	Hwy 11 near Cannon	Messer	3.2	7	21	310	310	1.03	0.04	17.7	0.01	0.002	10.4	14	5818	<20