

BLACK BROOK LOG SHEET 2005

Date (mm/dd/yy)	Time (hh:mm)	Staff Gage Height (ft)	Sampler Level (ft)	Data Download	Change Battery	Change Desiccant	Comments (Enable point, program progress, and any other observations/actions)	Init.
1/6/2005	13:15	X	2.332	X			1.513 cfs. Light rain, 43° F. Staff gage bent over, red light on data card, cleaned rain gauge	KC
1/25/2005	8:50	X	1.861	X			0.414 cfs	KC
1/31/2005	7:20	X	1.856				0.414 cfs. Baseflow taken	EF
2/5/2005	6:20			X				EF
2/19/2005	16:45	1.78	1.913				Cleaned pipe and staff gage	MMH
3/5/2005	6:30	1.78		X				EF
3/22/2005	16:55	1.78	1.918				0.486 cfs. Set-up for collection, enable point: 2.018	KC
3/24/2005	10:40	~2.00	2.152				0.954 cfs. Collected sample, Part A still active on Sample 16	KC
4/5/2005	11:20	~1.8	1.948	X			0.522 cfs. Staff gage covered with leaves	EF
4/6/2005	12:35	1.78	1.925				Cleaned pipe and staff gage	MMH
4/8/2005	13:46	1.81	1.947		X		#3 in, #1 out. Read "Disabled Part A active, Par B done."	TRH
4/26/2005	13:00	Old: 1.70 New: 1.22	1.835				0.378 cfs. Collected baseline sample	KC
5/4/2005	6:50	1.25	1.840	X			0.0738 cfs.	EF
5/4/2005	11:08	Old: 1.70	1.840				Cleaned pipe and staff gage	MMH
6/1/2005	6:15	Old: 1.65? New 1.20	1.776				0.324 cfs	EF
7/2/2005	11:20	1.8 Old 1.32 New	1.903				Cleaned pipe	MMH
7/5/2005	16:15		1.730				1.890 enable	---
7/6/2005	9:25			X			Collection stopped after Part B. Bottle taken for cleaning.	EF
8/3/2005	11:15	1.08	1.663				Cleaned pipe and staff gauge (new	MMH
8/4/2005	6:15	1.10	1.6 ?	X			0.216 cfs; 1.668f Flow too low to read past two digits on old SG	EF
8/30/2005	6:40	1.11	1.668	X			1.990 enable. Old SG unreadable. Storm collection set.	EF
8/31/2005	10:30	1.12	1.732				2.090 Part B ran. Bottle emptied. New set pt programmed 2.096	EF
9/1/2005	7:05						Program stopped	EF
9/1/2005	7:06	1.10	1.703					EF
9/7/2005	12:40	1.08	1.668				Cleaned pipe	MMH
9/12/2005	15:01		1.639		X	X	#3 out, #4 in	TRH
9/14/2005	17:00						No data taken at setting; storm collection set	EF

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9/15/2005	5:25						Part B ran immediately. A 8-10? No! collection stopped.	EF
9/25/2005	6:40	1.10	1.725				Storm collection set, 2.190 to 2.290	EF
10/4/2005	6:45	1.10	1.683	X			0.234 cfs 1.282 mg	EF
10/5/2005	11:55	1.14	1.706				Cleaned pipe	MMH
10/24/2005	12:40	1.22	1.821				Storm collection, level 2.290 to 2.390	EF
10/25/2005	9:50	1.85	2.344				Program stopped at A26; 9 Mgal	EF
11/1/2005	12:30	1.20	1.796	X				EF
11/2/2005	13:30	1.20	1.770				Cleaned pipe and staff gauge	MMH
11/10/2005	10:15	1.37	1.958				Bottle installed	EF
11/16/2005							Unit left improperly programmed, unit took a B sample into the shed; shed cleaned and dried	EF
11/29/2005	12:20	1.39 new	1.993				0.612 cfs set up for collection; 66 degrees, lt rain, enable pt set at 2.093 ft	KC
12/5/2005	12:57	1.38 new	1.985				Cleaned pipe	MMH
12/6/2005	15:15	1.40 new	1.995	X				EF
12/11/2005	16:15	1.39 new	1.988		X	X	#4 out, #5 in	TRH

BLACK BROOK LOG SHEET 2004

Date (mm/dd/yy)	Time (hh:mm)	Staff Gage Height (ft)	Sampler Level (ft)	Data Download	Change Battery	Change Desiccant	Comments (Enable point, program progress, and any other observations/actions)	Init.
1/1/2004	8:25	1.78	1.856	X			OK. 0.414 cfs	EF
1/17/2004	16:45		1.820		X		OK #6 in, #3 out	TRH
1/31/2004	11:50	Under ice	1.823					MMH
2/1/2004	7:30	Under ice						EF/ CFW
2/24/2004	8:30	1.83	1.898				Baseline collection	NB
3/3/2004	9:55	1.80	1.911	X			0.486 cfs	EF
3/14/2004	13:40	1.80	1.896				1.989 @ 2.089	EF
3/15/2004	13:10	1.80	1.896				Bottle in unit, program stopped	EF
4/5/2004	13:35	1.86	1.906	X				EF
4/12/2004	13:45		1.893				@ 2.189 Machine set for collection	EF
4/13/2004	10:05		2.157					EF
5/1/2004	6:30	1.75	1.848	X				EF
5/2/2004	12:56	1.78	1.845				Storm collection set-up. Set level at 1.945 Dryrite exhausted.	NB
5/4/2004	8:39	1.86	1.957				Collection - Sample 11	NB
5/5/2004	19:00	1.75	1.846		X	X	#7 in, #6 out	TRH
5/30/2004	9:40	1.78	1.816	X			0.360 cfs	EF
6/9/2004	16:50	1.70	1.748				Collection set up at 1.848. Cleaned rain gauge.	NB
6/15/2004	12:25		1.733				Stopped collection. Part A did not run	NB
6/29/2004	11:00	1.77	1.821				Visual inspection performed. 0.360 cfs	KC
7/3/2004	--			X			Note written 7/7 - download done (no pencil)	EF
7/7/2004	8:00	1.70	1.726				Baseflow collection	EF/ WM
7/12/2004	6:45	1.65	1.668				Storm collection new enable (1.984) 1.848	EF
7/13/2004	7:30	2.10	2.195				xt 1 is done (1.062 cfs)	EF
7/13/2004	10:45	2.00	2.075				Bottle replaced	EF/ WM
7/18/2004	10:10	1.70	1.708				1.984 ? 2.084	EF
7/19/2004	9:50	1.90	2.047				0.702 cfs. B: done A: ? 8 + samples	
8/2/2004	8:47	1.80	1.836	X			0.378 cfs	WAM
8/3/2004	11:25	1.70	1.758				Cleaned pipe and staff gage	MMH
8/10/2004	11:50	1.68	1.759				0.288 cfs. PH conducted review of equipment. Grass clipping clogged rain gauge, cleaned out	KC
8/24/2004	16:17	~1.60	1.693		X	X	#6 in, #7 out	TRH
9/2/2004	6:30	~1.60	1.671	X			0.216 cfs	EF
9/30/2004	6:45	Knocked over	1.896				0.468 cfs. Staff gage in ground, but bent over.	EF
10/5/2004	12:57	1.72	1.813				Cleaned pipe and staff gage	MMH
10/7/2004	6:40	1.72	1.840				0.378 cfs. Base flow	EF
10/12/2004	12:01	1.70	1.840				0.378 cfs. Placed clean bottles/jug in shed for next collection	KC
11/2/2004	12:25	1.82	1.938				Cleaned pipe and staff gage	MMH

BLACK BROOK LOG SHEET 2004

Date (mm/dd/yy)	Time (hh:mm)	Staff Gage Height (ft)	Sampler Level (ft)	Data Download	Change Battery	Change Desiccant	Comments (Enable point, program progress, and any other observations/actions)	Init.
11/2/2004	12:37	1.80	1.947	X			0.522 cfs. Mouse in shed, cleared screen on rain gauge	KC
11/4/2004	8:35	1.84	1.957				Set-up for storm sample collections, enable point: 2.184	AP/ EF/KC
11/5/2004	8:28						Stopped collection at 14A, removed sample	WAM
11/28/2004							During storm, box was not wet but was standing in water ~4" deep	EF
11/30/2004	7:15	X	1.947	X			0.522 cfs. Staff gauge bent double	EF
12/8/2004	15:45	X	1.937		X	X	#6 out, #1 in	TRH

BLACK BROOK LOG SHEET 2003

Date (mm/dd/yy)	Time (hh:mm)	Staff Gage Height (ft)	Sampler Level (ft)	Data Download	Change Battery	Change Desiccant	Comments (Enable point, program progress, and any other observations/actions)	Init.
1/1/2003	6:45	1.90	1.930	X			7 min. 15 sec. to download	EF
2/2/2003	7:30	0.10	1.805	X			.342 cf/s 7 minutes to download	EF
3/6/2003	7:15		1.850				Base flow 3/-/03	EF
4/6/2003	7:05	1.85		X				EF
8/15/2003	9:20	1.78	1.843	X		X	Cleaned rain gauge, change pump tube	SCL
8/20/2003	8:50	0.68	1.786				Base collection. A Part Set for "flow" changed to "level"	NB
9/2/2003	11:50	2.23	2.290				Set Point = 2.33 ft. Collect data to RTD	CFW
9/3/2003	17:23	1.91	1.977				Cleaned pipe and staff gauge	MMH
9/5/2003	11:45	1.80	1.885				Reset enable points to 1.995 ft.	CFW
9/18/2003	17:13				X		#7 in, #2 out. Unit was off - battery tested "REPLACE"	TRH
10/2/2003	8:05	1.70	1.815	X			0.36 cfs	EF
10/6/2003	12:10	1.70	1.795				Cleaned pipe and staff	MMH
10/11/2003	7:35			X			All seems OK at unit	EF
10/18/2003	9:00	1.80	1.861		X		ISCO OK. Removed #7 - installed #3	TRH
10/23/2003	14:55	1 1.71	1.791				Baseline collection. Rain gauge cone full. Emptied.	NB
10/27/2003	10:35	2.00	1.075				Cleaned staff gauge.	MMH
10/29/2003	10:30	1.48	1.910				Note re PB: MMH & TRH were here - monitor clear	
10/31/2003	7:05	1.88	1.925	X			Cleaned intake and sensor.	EF
10/31/2003	8:45						Cleared auto tube & much organic rubbish from sensor. Data impacted??	EF
11/10/2003	16:03		1.878			X	Changed dessicant.	
12/3/2003	7:00		1.900	X				EF
12/3/2003	13:55	1.82	1.890				Cleaned pipe and staff gauge	MMH
12/28/2003	14:35	1.81	1.895				Baseline collection	NB

BLACK BROOK LOG SHEET 2002

Date (mm/dd/yy)	Time (hh:mm)	Staff Gage Height (ft)	Sampler Level (ft)	Data Download	Change Battery	Change Desiccant	Comments (Enable point, program progress, and any other observations/actions)	Init.
3/20/2002	12:06	2.74	2.744					ASL
4/2/2002	11:10	1.80	1.863	X				EF
5/7/2002	10:10	1.80?	1.816	X				EF
5/28/2002	15:55	1.77/1.73	1.818			X	Changed clock 15:38 --- 15:55 Cleaned rain gauge	ASL
6/2/2002	9:05		1.806	X			1.825 6/03/02 7:30 AM	EF
0604/02	17:25				X		#3 for #6	LC
6/23/2002	8:00	0.342cf/s	1.805				Base flow collected	EF
7/4/2002	6:35	0.270cf/s	1.735	X				EF
8/1/2002	9:25	0.09	1.423	X				EF
8/28/2002	7:00						Base flow collected	
8/28/2002	17:30					X		
8/31/2002	6:55			X				EF
9/19/2002	6:15				X		#7 for #3	TRH
10/1/2002	7:00			X				EF
10/9/2002	15:00			X			Reformatted unit	ASL
11/1/2002	17:00						Found shed unlocked	NB
11/2/2002	7:55			X				EF
11/4/2002	7:20						Base flow	EF
11/19/2002	17:00	1.90	1.947			X	Cleaned rain gauge	ASL
12/4/2002	12:40	1.78	1.826	X				ASL
12/8/2002	15:26				X		Changed in #3, out 7	TRH
12/18/2002	7:15	1.85	1.866				Base flow	

BLACK BROOK LOG SHEET 2001

Date (mm/dd/yy)	Time (hh:mm)	Staff Gage Height (ft)	Sampler Level (ft)	Data Download	Change Battery	Change Desiccant	Comments (Enable point, program progress, and any other observations/actions)	Init.
1/11/2001	9:26						Level + 1.945 - Rain gauge - 97% ice covered	CHB
1/11/2001	9:26						Stream ice covered from overpass to 10' downstream of sensor	CHB
1/29/2001	16:40						Collection set-up level + 1.962 Set at 2.062 Thin ice in origin of collector - across brook	CHB
1/31/2001	9:15						Collected sample - Run Complete - Rain gauge has ice on screen	CHB
3/3/2001	11:30				X		#2 for #6	LC
3/20/2001	16:43						Collection set-up level = 2.015 Set at 2.115	
3/22/2001	15:28						Collection level = 2.310 Collection finished	CHB
4/4/2001	18:45					X		ASL
4/11/2001	19:45			X			Changed pump tube; Reset counter	ASL
4/15/2001	18:00						Set-up collection level = 2.033 Set at 2.133	CHB
4/17/2001	11:00						Program stopped - Bottle taken	EF
4/21/2001	16:30						Battery 11.3 Okay	LC
4/24/2001	15:55						Baseline collection 1.957'	CHB
5/4/2001	11:17			X				EF
5/12/2001	18:14						Collection set-up level = 1.893 Set at 1.993	CHB
5/14/2001	6:50						Program stopped - Bottle empty	EF
5/16/2001	14:20						Baseline collection/clean inlet	CHB
6/1/2001	15:46						Collection set-up level = 1.922 ' Set at 2.022 '	CHB
6/3/2001							Changed drierite	AL
6/7/2001	10:55			X				

BLACK BROOK LOG SHEET 2000

Date (mm/dd/yy)	Time (hh:mm)	Staff Gage Height (ft)	Sampler Level (ft)	Data Download	Change Battery	Change Desiccant	Comments (Enable point, program progress, and any other observations/actions)	Init.
1/8/2000	9:45				X--#5			TLL
2/5/2000	13:00				X--#1		Normal	RLL
2/24/2000	10:00			X			Reprogrammed sampler	ASL
0304/00	17:10				X		GSWA 6 / Normal	RLL
3/16/2000	13:00						Set program to run @ >2,218 ft. Clear bottle	BA
3/17/2000	9:00						Check program - started ~ 7 pm - finished ~ 7 am	KP
3/18/2000	11:00			X			Samples taken r, f & a	EF
4/1/2000	12:40				X		# 4	RLL
4/10/2000	15:15						Reprogrammed sampler - No bottle in sampler - * clean bottle	KJM
4/11/2000	16:15						2.202 ft. set level for collection	CHB
4/25/2000	13:45						2.047 set to 2.147 for collection, Baseline collected	CHB
4/27/2000	12:10						Deactivated - cleaned probe when collected baseline on 4/25	CHB
5/10/2000	10:50			X			1.923 set to 2.023 for collection - desiccant needs to be changed!	KJM
5/11/2000	12:25						Collected samples - @ Sample 10	CHB
5/21/2000	14:30				X		New battery #3	RLL
6/15/2000	8:45			X			Run extended 1 PINK 888	EF
6/19/2000	15:45					X	Clean bottle	KJM
6/21/2000	8:10						1.905 set to 2.005 for collection	KJM
6/22/2000	12:15						Collected sample - @ sample 6 1.998 H	KJM
7/11/2000	11:00						Clean bottle in shed	KJM
7/11/2000	13:46			X			Stream gauge ~ 1.8' - Sampler reading = 1.858 Cleaned instream equipment - Reprogrammed sampler - Cleaned rain gauge	CHBAL
7/19/2000	10:10						1.887 set to 1.987 to collect	KJM
7/20/2000	11:25						Collected sample @ sample 9 1.905 ft.	KJM
7/20/2000	18:00						Training	WA
7/24/2000	14:30						1.866 set to 1.966 for collection	KJM
7/27/2000	9:50						Program done - level at 2.556 ft. Collect sample	KJM
8/1/2000	14:20			X		X	Clean bottle	KJM
8/13/2000	13:00				X		#1 for #3 / evidence of flooding - no damage	RLL
8/17/2000	11:00			X			Reprogrammed sampler - clean intake	ASLKJM
8/17/2000	14:20						Reprogrammed sampler	ASLKJM
8/22/2000	10:00						Baseline water sample - depth 1.903	CHB
8/23/2000	9:30						Collection entry level = 1.897 Set at 1.903	CHB

BLACK BROOK LOG SHEET 2000

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8/24/2000	10:35						Collection terminated level = 1.898 Program disabled - Showed in display	CHB
9/20/2000	14:00			X				KJM
9/1/2000							Baseline collection - Kris	CHB
9/23/2000	10:47						Collection setup Level = 1.850 Set at 1.950	CHB
9/24/2000	16:36						No collection Level = 1.885	CHB
9/25/2000	10:50						Collection setup Level = 1.866 Set at 1.966	CHB
9/26/2000	17:00						Collected - Sample #9 2.322 ft.	CHB
10/4/2000	14:00			X		X	Reprogrammed sampler with 2 pact program Collected base flow sample level = 1.84 tested program	ASL
10/22/2000	14:00				X		5 for #1 / OK	TLL
11/9/2000	6:38						Collection setup Level = 1.910 Set A&B at 2.010	CHB
11/10/2000	15:05						Collection done - Took for processing	CHB
11/11/2000	8:40			X			Clean bottle - base flow sample	KJM
11/29/2000	16:38						Collection setup - Level 2.028 Set A&B at 2.128	LWP
12/1/2000	12:30						Bottle emptied and taken for cleaning	EF
							PROGRAM STOPPED	EF
12/2/2000							Bottle cleaned & OK	EF
12/6/2000	16:30			X			Collected base flow sample	ASL
12/11/2000	15:20						Collection setup - Level 1.992 Set A&B at 2.092	LWP
12/12/2000	14:14						Collection terminated - 7/6 samples 2.008 ft.	CHB
12/16/2000	9:52						Setup - Level = 2.050 ft. Set at 2.150 Water in collection pipe	CHB
12/17/2000	16:01						Collected sample - Program complete	CHB
12/28/2000	8:30			X			Crystals 2/3 pink	EF
12/28/2000	16:30				X		#6 for #5	LC

BLACK BROOK LOG SHEET 1998-99

Date (mm/dd/yy)	Time (hh:mm)	Staff Gage Height (ft)	Sampler Level (ft)	Data Download	Change Battery	Change Desiccant	Comments (Enable point, program progress, and any other observations/actions)	Init.
10/9/1998				X			Instream probe clean-out	JES
11/6/1998				X			Instream probe clean-out	KP
2/4/1998				X				KP GU
1/19/1999							Instream probe clean-out - Install 24 bottles, chg. de-humid.	KPJS
1/19/1999				X	X		Battery was dead	JES
1/28/1999							Instream probe clean-out - Programmed -Discrete	JES
2/22/1999				X				KP
2/27/1999							Instream probe clean-out - Re-Prog. Level for FF#2 Set prog. to run	JES
3/1/1999							No samples collected - Battery Dead	JES
3/1/1999				X	X			JES
3/27/1999							Check for water damage	RLL
4/18/1999					X			RLL
4/21/1999				X				KP
5/18/1999							Instream probe clean-out - Set to run at > 1.26 1 base flow	KP BA
5/20/1999				X			Collect first flush 1/10	KP BA
5/22/1999					X			RLL
6/6/1999				X		X	Instream probe clean-out - Change to composite, set level, base flow sample, clean rain gage	JES
6/26/1999					X			RLL
7/15/1999				X			Instream probe clean-out	KP
7/31/1999					X			RLL
8/26/1999				X				KP GF
8/29/1999							Reload bottles, reconfigure for discrete sample, reset to run	JESAK S
9/4/1999					X			RLL
9/10/1999							PROGRAM STOP	?
9/14/1999				X			Set to run @ > 2.1	KP EF
9/15/1999							Discard samples	ASLJE S
9/16/1999							MACHINE TURNED OFF - BOTTLES MISSING - **	EF
9/17/1999							Machine to off	KP
9/19/1999							Water in bottom, need to replace bottles, machine on program off	ASL

BLACK BROOK LOG SHEET 1998-99

Date (mm/dd/yy)	Time (hh:mm)	Staff Gage Height (ft)	Sampler Level (ft)	Data Download	Change Battery	Change Desiccant	Comments (Enable point, program progress, and any other observations/actions)	Init.
9/22/1999				X		X	Instream probe clean-out, bottles #1-10 are clean, bottles # 11-24 dirty (cleaned machine), sampling program is off, adjusted ISCO unit to match stream gage ~ 0.25 ft	KN
9/29/1999							Set enable point @ > 2.1 ft. 2nd set to run	KP
9/29/1999							Power failed at 5:30 PM	KP
9/30/1999							Checked bottles, but power had failed	KP
9/30/1999					X		New battery - Program is running OK	RLL
10/1/1999							Stopped program	KP
10/6/1999	11:25			X				ASL
10/10/1999	8:30						Set to run @ > 2.1 current level 2.06	KP
10/11/1999	8:15						Collect samples, stop program	KP
10/11/1999	13:05			X				KN
11/2/1999	8:40						Add clean 1-10 bottles. Set program to run @ > 2.17. Clean out probe.	KP
11/3/1999	12:25			X			Collect bottles & stop program from running	KP GF
11/14/1999	16:15				X		Normal	TLL
12/11/1999	10:30				X		Run Extension 1	RLL
12/12/1999	9:00			X				EF
12/29/1999	16:00						Station Maintenance - Battery check - O.K.	NB