

PRIMROSE 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	11:50	0.70	1.146	X			21.73 cfs. Light rain, 33° F.	KC
1/31/2005	8:40	0.96					11.52 cfs. Baseflow taken	EF
2/5/2005	14:00			X			Brook ice and snow covered	EF
2/19/2005	16:20	0.57	0.999				Cleaned pipe and staff gage	MMH
3/5/2005	10:40	0.51	0.969				12.51 cfs	EF
3/22/2005	16:00	0.50	0.975				12.51 cfs. Set-up for storm collection, enable point: 1.075	KC
3/24/2005	8:30	0.58	1.062				16.79 cfs. Warning on ISCO: Replace pump tubing. Enable: 12:49 (3/23), ? 22:40 (3/23). Samples: 35	KC
4/5/2005	12:35	0.80	1.254	X			28.97 cfs	EF
4/6/2005	11:37	0.79	1.239				Cleaned pipe	MMH
4/16/2005	7:52	0.65	1.170		X	X	#7 out, #2 in. Cleaned unit/shed	TRH
4/26/2005	13:20	0.58	1.042				15.47 cfs; Collected baseline sample	KC
5/4/2005	8:10	0.54	1.020	X			14.48 cfs	EF
5/4/2005	11:45	0.56	1.020				Cleaned pipe and staff gauge	MMH
6/1/2005	7:50	0.45	0.902	X			9.549 cfs; Ant nest found, 4 moth balls placed on floor	EF
7/2/2005	10:15	0.42	0.853				Cleaned pipe & staff gauge	MMH
7/5/2005	15:20	0.37	0.805				6.585 cfs; set up for storm sample collection enable pt 0.9051	KC
7/6/2005	9:05			X			Collection stopped; no sample taken	EF
8/3/2005	11:05	0.36	0.786				Cleaned pipe and staff gauge	MMH
8/4/2005	8:30	0.35	0.788	X			5.927 cfs; 3.32 Mgal	EF
8/4/2005	11:00	0.37	0.788				5.927 cfs; collected baseline sample & duplicate	KC
8/30/2005	8:50	0.30	0.743				4.939 cfs; set up for collection - set pt. 0.843 ft, slight drizzle	KC
8/31/2005	11:15	0.36	0.761	X			5.268 cfs; collection set point reset to 0.943	EF
9/1/2005	9:00	0.34	0.768	X			5.597 cfs; collection stopped	EF
9/7/2005	11:35	0.30					Cleaned pipe & staff gauge; battery dead	MMH
9/7/2005	18:32	0.25	0.728		X	X	Changed battery & #2 out, #6 in	TRH
9/14/2005	16:20	0.41	0.868				1.043 st pt; collection set	EF
9/15/2005	6:30	0.35	0.785				No part A samples; collection stopped; B done	EF
9/26/2005	10:30	0.30	0.745				4.939 cfs; set up for storm collection; set level at 0.845	KC/ ED
9/27/2005	14:45	0.32	0.760				5.268 cfs; stopped program, part B done, part A no collections	KC
10/4/2005	8:10	0.30	0.733	X			4.610 cfs; 26.52 mg	EF
10/5/2005	11:05	0.30	0.733				Cleaned pipe	MMH
10/24/2005	12:20	0.58	1.089				18.43 cfs; set up for storm collection, enable pt set @ 1.189 ft	KC
10/25/2005	11:00	0.74	1.315				Collection complete	KC

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10/31/2005	15:25	0.56	0.994				Cleaned pipe & staff gauge	MMH
11/1/2005	11:15	0.66	1.015	X			Why did the level rise after 20 rain-free hours?	EF
11/10/2005	9:20	0.56	1.014				Bottle in place	EF
11/29/2005	11:45	0.49	0.964				12.18 cfs; set up for storm collection; enable pt set	KC
11/30/2005	10:35	0.70						ED
12/5/2005	11:55	0.64	1.002				Cleaned pipe & staff gauge	MMH
12/6/2005	14:00	0.60	1.054	X				EF
12/11/2005	15:57	0.51	0.969		X	X	#6 out, #7 in	TRH

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1/1/2004	7:30	0.67	1.094	X			All OK	EF
1/19/2004	17:00		1.030		X		3 in 5 out	TRH
1/31/2004	12:35	Ice	1.062					MMH
2/1/2004	9:40	Ice	1.057					
2/24/2004	9:42	0.52	0.964				Baseflow by NB et al (??)	
3/3/2004	11:15	0.55	0.959	X			11.85 cfs	EF
3/14/2004	17:20	0.54	0.975				Storm collection set at 1.075	NB
3/15/2004	10:30	0.54	0.972				Stopped collection - no rain	NB
4/4/2004	12:17	0.57	1.004	X				EF
4/7/2004	18:10	0.52	0.985				Desiccant needs to be changed; probe tube needs to be re-buried in stream	SJS
4/12/2004	10:38	0.50	0.970				Found ISCO screen showing current level is 0.970 ft; set up for collection - 1.070'	NB
4/13/2004	11:00		1.196				Program done	EF
4/17/2004	10:45	0.60	1.129				Put line under rocks	NB
4/25/2004	19:35	0.55	0.965		X	X	#2 in, #3 out	TRH
5/1/2004	7:55	0.58		X				EF
5/2/2004	12:01	0.57	1.082				Storm collection set up; set at 1.182	NB
5/3/2004	17:30	0.80	1.453				Check on collection, just took sample?	NB
5/4/2004	8:00	0.60	1.134				Collection - both program completed	NB, RE
5/30/2004	10:55	0.46	0.927	X			10.53 cfs	EF
6/9/2004	17:40	0.44	0.862				Collection set up at 0.962	NB
6/11/2004	8:05		0.930				No collection yet	NB
6/18/2004	10:20	0.42	0.860				Turn off collection, spray for ants	NB
7/3/2004	7:50	0.39	0.811	X				EF
7/7/2004	8:56	0.38	0.812				Baseline collection	NB
7/12/2004	7:55	0.36	0.781				Set up at 0.881	NB
7/13/2004	13:00	0.52	1.024				Collect storm sample	NB
7/13/2004	14:55	0.54	0.835			X	Depth gage was loose and tilted, releveled before measurements at left	TRH, MH
7/18/2004	7:25	0.40	0.700				Collection set at 0.800	NB
7/19/2004	10:35	0.45	0.761				Program stopped at A?, 6.268 cfs	EF
8/2/2004	11:15	0.49	0.793				Data download, 6.256 cfs	KC
8/10/2004	12:30	0.42	0.833				PH conducted review of equipment, releveled depth gage in water	KC
8/28/2004	12:47	~0.42	0.828		X	X	#3 in #2 out	TRH
9/2/2004	8:00	<0.42	0.825	X			7.24 cfs	EF
9/30/2004	8:15	0.50	0.922	X			10.25 cfs. Max flow height ~1.3 ft. No serious overbank flow (9/28 + 9/29)	EF
10/5/2004	11:35	0.46	0.877				Cleaned pipe and staff gage. Before cleaning- 0.852.	MMH

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10/7/2004	8:05	0.46	0.868				8.561 cfs. Base- Program had run, tub emptied,	EF
10/12/2004	11:15	0.47	0.897				9.549 cfs. Placed jugs in shed for next collection	KC
11/2/2004	11:20	0.51	0.949				Took out mouse nest. Cleaned pipe and staff gage	MMH
11/2/2004	11:22	0.51	0.965	X			12.18 cfs. Put more logsheets in clipboard	KC
11/3/2004	10:14	0.52	0.947				Profile and flow measurement	TRH
11/4/2004	10:36	0.52	0.974				12.51 cfs. Set-up for storm sample collection, enable point: 1.074. 0.9 was below sampler level and program started collection (Part B), reprogrammed set level to 1.074 for storm, dumped out collected sample	KC
11/5/2004	9:45	0.54	0.962				Flow measurement	TRH, MMH
11/5/2004	10:10	0.52	0.959				11.85 cfs. Part A-enable: 16:24, stop: 23:05, samples: 35, started program: 11:40 (11/04)Part B-enable: 16:24, sample: 1	KC
11/12/2004		0.79	1.190				Did we interrupt a sampling?	TRH, MMH
11/20/2004	11:20	0.44	0.873				8.561 cfs. VA Training group	KC
11/28/2004	15:33	1.14	1.580			X	Flow measurement	TRH, MMH
11/30/2004	8:45	0.55	0.977	X			12.51 cfs	EF
12/18/2004	15:33	0.52	0.964		X	X	#7 in, #3 out	TRH

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1/1/2003	7:40	0.64	1.035	X				EF
2/2/2003	8:37	0.90	0.737	X				EF
--	--	0.65		X				
3/21/2003	8:47	0.74	1.167					
3/22/2003	8:30	0.96			X		# 4 in, # 1 out	TRH
3/25/2003	7:20	0.80	1.379				Warning: replace internal battery before 8 April	NB
4/6/2003	8:20			X				EF
4/16/2003	All day					X	Moved station	SCL
4/17/2003	--	0.58	1.059					SCL
5/1/2003	--	0.58	1.014	X			Tetherball cleaned	EF
5/5/2003	16:30	0.50	0.980					TH, MH
6/1/2003	10:35	1.38	1.850					TH, MH
6/5/2003	13:00	1.85	1.201	X			Ant nest partially removed	EF
6/6/2003	16:20	0.78	1.206		X		# 2 in, # 4 out	TRH
6/7/2003	7:25	0.78	1.201				Ant traps placed in box	EF
6/14/2003	10:26	0.76	1.208				Cleaned pipe - Added ant trap	MMH
6/24/2003	7:20	0.70	1.139				Warning: replace internal battery	CHB
7/1/2003	7:45	0.60	1.059	X			DO 6.24 mg/l 17.1 oC (no ants in box)	EF
7/14/2003	12:35	0.50	0.939				10 L bottle put in shed	NB
7/16/2003	17:54	0.49	0.928				Cleaned pipe and staff gauge	MMH
7/24/2003	15:45	0.61	1.147		X	X	Battery dead. # 2 out, # 6 in. Also performed flow measurements. Removed wasps nest - got stung!	TRH MMH
7/27/2003	13:40	0.50	0.969				Internal battery warning. Set up for storm collection (1.069')	NB
7/28/2003	9:40	0.50	0.984				Did not collect - insufficient rain.	NB
7/31/2003	10:45	0.48	0.934	X			10.86 cfs	EF
8/15/2003	11:15	0.50	0.960	X			Yellow jacket nest	SCL
8/20/2003	7:22	0.48	0.920				Base collection	NB
9/2/2003	14:05	0.70	1.091	X			After overnight rain; indicated max. level (enable 1.191 ft) was ~ 1 ft above current level	EFW
9/2/2003	17:50	0.58/0.56	1.051(before cleaning) 1.030 (after cleaning)				Cleaned pipe and staff gauge; made flow measurement after 1.5 rain	TRH, MMH
9/3/2003	15:27	0.59	1.042				Continued flow measurements from yesterday - yesterday found battery of flow probe dead	TRH, MMH
9/3/2003	16:15	0.56	1.029					TRH, MMH
9/19/2003	12:30	0.60	No light				Battery dead?	MMH

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9/25/2003	12:35	0.50	0.945		X		Battery #6 dead, #2 installed (old battery)	TRH
10/2/2003	11:30	0.50	0.939				Drierite very pink; yellow jacket nest removed; 10.86 cfs	EF
10/6/2003	11:30	0.49	0.915				Cleaned pipe and staff gauge	MMH
10/12/2003	14:08	0.46	0.898					WWA
10/18/2003	8:22	0.49	0.964		X		ISCO up upon arrival. Replaced battery with new #2.	TRH
10/23/2003	14:20	0.48	0.995				Baseline collection, snow flurry	NB
10/24/2003	8:15	0.75	1.184				Rainfall last 12 hours: 1.1 inches in Bernardsville	TRHM MH
10/24/2003	9:15	0.72	1.186				Cleaned pipe and staff gauge	MMH
10/24/2003	17:28	2.08	2.489				Additional rainfall of 1.2 inches after last flow measurements	MMHT RH
10/29/2003	10:29	1.48	1.910				After additional rainfall of 1.7 inches	
10/31/2003	8:35	0.70	1.104	X		tube cleaned from sensor. Data from 10/29 & 10/30 possibly unreliable	EF
11/4/2003	10:25	0.60	1.045	X			Cleaned leaves from gauge and module, changed pump tube.	SCL
12/3/2003	8:15	0.60	0.995	X				EF
12/3/2003	12:13	0.60	1.066				Cleaned pipe and staff gauge. Made reference flow measurements.	MMH
12/28/2003	14:55	0.76	1.167				Baseline collection. Collection pipe and cable post collected leaves - housing clear/exposed.	NB

PRIMROSE 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.
1/3/2002	11:00			X				EF
1/27/2002	--					X	Changed drierite	AL
2/23/2002	--				X		# 5 for #3	LC
2/26/2002	12:10						ISCO 0.882 Gauge 0.45 (? - difficult to read)	
3/8/2002	11:35			X			OK - no red lights	EF
3/20/2002	11:25	~0.84	1.167					ASL
4/2/2002	10:00	~0.6	1.027	X				EF
4/9/2002	8:05	0.48	1.085				Baseline collection	CHB
5/7/2002	11:35	0.55?	1.650	X				EF
5/29/2002	18:09	0.56	1.844			X	Changed clock from 17:50 à 18:09. Sampler ran on 5/14/02 - flooded box	ASL
6/2/2002	7:55	0.5?	1.722		X		# 1 for # 5	LC, EF
6/2/2002	10:25							
7/4/2002	8:00	0.5?	1.962	X			133.6 cfs	EF
8/1/2002	7:30	0.3??	1.777	X			95.49 cfs	EF
8/15/2002	18:38	0.36					2.025 Ft ISCO, Stick 0.36 Ft Pipe cleaned	MMH
8/28/2002	7:10						Baseline collection - Door damaged - Upper side left	CHB
8/31/2002	8:15			X				EF
11/19/2002	10:00	0.66	1.102	X				ASL
12/4/2002	8:30	0.54	0.568	X				ASL
12/4/2002	14:50	0.54	0.593					ASL
12/11/2002	8:50	0.60	0.595		X		Battery # 1 in, # 4 out	TRH MH
12/14/2002	10:55	1.05	1.452					MH
12/28/2002	8:05	0.61	0.683				Lock stiff to open	NB

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4/11/2001	18:15			X			Changed pump tube, reset counter, gauge + 0.76 ISCO = 1.512	
4/15/2001	14:50						Level gauge 0.74 ISCO 1.722	CHB
4/15/2001	17:25						Set up collection level = 1.714 Set at 1.814	CHB
4/17/2001	8:40						Stopped collection - level = 1.454. Part A still active, B disabled. No sample - gauge at 0.74	CHB
4/21/2001	15:30						Checked battery - 11.3 - OK	LC
4/24/2001	16:37						Baseline collection level = 1.887, gauge = 0.70	CHB
5/4/2001	12:30			X				EF
5/4/2001	13:40						Level - ISCO = 1.822 Gauge = 0.64	CHB
5/12/2001	17:35						Collection set up level = 1.724 Set at 1.824 Gauge = 0.56	CHB
5/14/2001	16:15						Level = 1.574 Gauge = 0.55 Stopped collection	CHB
5/16/2001	13:40						Baseline collection /clean inlet Level = 1.512 Gauge = 0.55	CHB
6/1/2001	15:08						Collection set up level = 1.560 Set at 1.660	CHB
6/2/2001	8:21						Collection complete Level = 3.841 Gauge blocked by debris. Muddy 9" from tank top	CHB
6/6/2001	18:00						Gauge = 0.68 ISCO = 1.799	
6/7/2001	12:10			X				EF
6/16/2001	12:23						Collection set up level = 1.827 Set at 1.927 Gauge = 0.59	CHB
6/17/2001	15:30						Collected sample level = 2.025 Gauge = 0.82	CHB
6/29/2001	8:50			X				EF
7/7/2001	--					X	Drierite change	EF
7/14/2001	--				X		Staff 0.52, ISCO depth 1.647 #6 for #4 1.944	LC
7/25/2001	--						Sample set up current level Set level 2.044	WWA
7/27/2001	--						No sample. Stopped program. Capped and removed bottle in shed.	WWA
8/2/2001	--						ISCO depth 1.777, staff depth 0.46	WWA
8/14/2001	--			X			Sampler behaving oddly. When run XT 1 was blinking - a push of the red button took it to view program - no response possible after that except ? Screen unresponsive to any button. After data transfer - all OK!	EF
9/8/2001	--				X		#7 for #6	LC
9/8/2001	--					X	Changed drierite.	EF
9/23/2001	9:10			X				EF
9/24/2001	12:12						Collection set up 1.427 + 1 = 1.527	LP
9/26/2001	8:45						Program done! Sample to PA. Both bottles CLEAN	EF

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10/17/2001	16:05			X				
11/2/2001	13:10			X				SL
11/24/2001	10:45						Collection set up. Level = 0.915. Set 1.015 Gauge at 5.6	CHB
11/26/2001	10:45						Collection stopped - Sample taken	
12/1/2001	--				X		# 3 for # 7	LC
12/4/2001	10:30			X				EF