

# LOANTAKA 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	13:00	X	2.714	X			41.66 cfs. Light rain, 43°F, muddy water	KC
1/31/2005	7:40	X	1.562				13.58 cfs. Baseflow taken.	EF
2/5/2005	6:30			X				EF
2/19/2005	16:20	1.60	1.5031.405				Pipe was completely buried in solid. After cleaning pipe no difference	MMH
3/5/2005	11:25	X	1.373	X			10.48 cfs.	EF
3/22/2005	16:45	~1.57	1.433				71.43 cfs. Set up for collection. Enable point at 11.533	KC
3/24/2005	10:25	1.88	1.750				17.25 cfs. Error: ISCO replace pump tubing. Program not complete on Sample 18. Collected sample anyway	KC
4/5/2005	11:40	1.8?	1.683	X			15.84 cfs.	EF
4/6/2005	12:20	1.76	1.628				Cleaned pipe and staff	MMH
4/11/2005	18:15	1.69	1.505		X	X	#5 in, #2 out	TRH
4/26/2005	12:45	Old:1.36New: 1.52	1.232				8.433 cfs. Baseline sample collected	KC
5/4/2005	7:10	1.54	1.227	X			8.367 cfs.	EF
5/4/2005	10:45	1.49	1.210				Dug out sand, cleaned pipe and staff gage	MMH
6/1/2005	6:37	1.30	1.047				6.083 cfs. Very low flow- more sand than ever. Someone should spray the poison ivy or we won't be able to read the SG	EF
7/2/2005	11:02	1.94	1.653				Cleaned pipe & staff gauge	MMH
7/5/2005	15:45		1.124				Enable 1.543	EF
7/6/2005	9:08			X			Program stopped; no collection	EF
8/3/2005	11:45	1.44	1.144				Cleaned pipe & staff gauge	MMH
8/4/2005	6:45	1.40	1.147	X			7.296 cfs	EF
8/30/2005	6:55	1.32	1.060				Enable 1.643; storm sample set	EF
8/31/2005	10:45	1.28	1.049				Sample left at 1.643 enable	EF
9/1/2005	7:30	1.31	1.054	X			Program stopped	EF
9/7/2005	12:20	1.24	0.939				Cleaned pipe & staff gauge	MMH
9/12/2005	15:15	1.24	0.924		X	X	#5 out #2 in	TRH
9/14/2005	16:55	1.20	1.743					EF
9/15/2005	5:45		1.527				Power off briefly; collection stopped	EF
9/27/2005	7:00	1.42	1.186				Collection set at 1.843	EF
9/28/2005	9:30	1.43	1.189				Collection stopped; no sample taken	EF
10/4/2005	7:10	1.30	1.015	X			5.713 cfs; 30.696 mg	EF
10/5/2005	11:40	1.28	0.987				Cleaned pipe & staff gauge	MMH
10/24/2005	13:10	1.75	2.016				Storm collection 1.873 à 1.943NB: level above set level - sampler purged line Sample B taken	EF
10/24/2005	16:50		2.041				Program stopped Part B & 4 A samples thrown out; new set point 2.143 (level > 1.943) Level set 0.1' above current level as per suggestion by Erik S.	EF

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10/25/2005	10:00	3.02	3.310				XTI Done!	EF
11/1/2005	12:15	1.59	1.860	X				
11/2/2005	12:35	1.60	1.855				Pipe was freely floating on the ground of brook; reading shows the deeper floating position.	EF
11/2/2005	12:35	1.60	1.440				After putting it back on old position & stabilizing it	EF
11/2/2005	10:00	1.90	1.790				Bottle installed	MMH
11/29/2005	12:10	1.45 (old)	1.458				(OLD) 11.84 cfs; set up for collection. 66 F°, lt rain, enable pt set @ 1.558	KC
11/29/2005	12:10	1.59 (new)	1.458				(NEW)	KC
12/5/2005	12:37	1.68	1.528				Cleaned pipe	MMH
12/6/2005	15:00	1.70	1.572	X				EF
??/??/??	16:00	1.70	1.458		X	X	#4 in #2 out	TRH

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1/1/2004	8:10	1.00	1.582				OK. 13.96 cfs	EF
1/17/2004	--	? (snow)	1.563		X		OK. #4 out 7 in	TRH
1/31/2004	12:05	Ice/snow	1.688					MMH
2/4/2004	8:15	Ice/snow	1.618	X				EF
2/24/2004	9:05	0.98	1.573				Basline Collection	NB
3/3/2004	10:15	1.00	1.570	X			13.75 cfs; Staff gage bent	EF
3/14/2004	1:25	1.00	1.473				(3.084)βà 2.984	EF
3/15/2004	12:50	1.00	1.492				Program stopped	EF
4/5/2004	1:15	X	1.485	X			Both staff gages bent over à useless	EF
4/12/2004	2:00	X	1.395				3.186, set for collection	EF
4/13/2004	10:15	X	2.467				Collection stopped	EF
4/30/2004	7:10	X	1.405		X	X	#7 out, #3 in	TRH
5/2/2004	12:40	X	1.350				Storm collection set up, set at 1.450Staff gage bent over	NB
5/4/2004	8:28	X	1.652				Collection sample 21	NB
5/30/2004	10:00	X	1.134	X			7.144 cfs	EF
6/9/2004	17:15	X	1.125				Collection set up at 1.225	NB
6/15/2004	11:20	X					6.528 cfs, 1.084, visual assessmentcrickets in shed, mosquitoes	KC
6/15/2004	12:30	X	1.079				Stopped collection, no part ran	NB
7/3/2003	6:40	X	1.055	X				EF
7/7/2003	8:05	X	1.055				Base Flow	EF, WM
7/12/2004	7:44	X					Tubes covered with Iscape cloth	EF
7/12/2004	7:44	X	1.050				Storm collection 1.225à 1.325	EF
7/13/2004	7:50	X	2.959				Xt 1 is done, cfs 49.09	EF, WM
7/13/2004	10:40	X	2.293				Returned bottle	WM, EF
7/18/2004	10:04	X	1.064				Storm collection 1.325à1.425	EF
7/19/2004	10:04	X	1.815				15.55 cfs, collection stopped at A10 (3 at 6:00 am)	EF
8/2/2004	10:20	X	1.430				Download data, 11.38 cfs	WAM
8/3/2004	11:10	X	1.284				As before, after stabilizing pipe using	MMH
8/3/2004	11:15	X	1.425				After tocks cleaned pipe	MMH
8/10/2004	11:30	X	1.115				6.898 cfs, review of equipment	KC
8/24/2004	16:07	X	1.257		X	X	#3 out #4 in	TRH
9/2/2004	6:45	X	1.179	X			7.732 cfs	EF
9/30/2004	7:05	2.0??	1.633	X			14.91 cfs. Both staff gages pushed over. Downstream worse than ever, bed all silted in. Upstream of bridge totally silted down to bank for 100 ft.	EF

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10/5/2004	13:37	1.38	1.270				Cleaned pipe and staff gage. Sampler level- 1.275 before removing the sand completely covering the pipe.	MMH
10/6/2004	7:00	1.40??	1.282				9.106 cfs. Base flow. Downstream SGH.	EF
10/12/2004	11:52	1.30??	1.205				8.082 cfs. Placed clean bottles/jugs in shed for next	KC
11/2/2004	12:03	1.48	1.380				Cleaned pipe and staff gage	MMH
11/2/2004	12:20	1.48	1.370	X			10.44 cfs. Added more log sheets to clipboard	KC
11/4/2004	9:45	1.55	1.403				Enable pt. At 1.525	EF
11/5/2004	9:20						Removed sample- had trouble	WAM
11/30/2004	7:40	X	1.706	X			16.35 cfs. "Warning: Replace pump tube"	EF
12/8/2004	16:02	X	1.736		X	X	#4 out, #2 in	TRH

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1/1/2003	7:00	1.00	1.575	X				EF
2/2/2003	8:12	1.00	1.425	X				EF
2/5/2003	16:20	Old 1.37 New 0.75	1.249	X			Unplugged flow logger and reinstalled	SCL
2/6/2003	7:25	0.95		X				EF
3/3/2003	7:30						Base flow	EF
4/6/2003	7:30	0.90		X				EF
4/17/2003	10:51	0.71	1.265				Internal battery needs to be replaced. Old staff gauge is 1.34	SCL
5/1/2003	12:30	0.65	1.077	X				EF
5/16/2003	9:45	1.03	1.009				Cleaned pipe - After fixing the pipe with rocks	MMH
5/31/2003	12:30	0.65					Tested battery - during process battery voltage sagged to ~9v and ISCO turned off. It had been indicating the completion of a sampling program prior to this.	TRH
6/5/2003	10:40	1.95	2.541	X			Floor wet.	EF
6/5/2003	17:03	1.72			X		#2 out, #1 in. ISCO running OK when replaced.	TRH
6/14/2003	10:59	1.41	1.955				Cleaned pipe - Ant stop into station	MMH
6/25/2003	7:10	1.72	1.295				Base flow	EF/ BM
7/1/2003	6:45	0.58	1.135	X			DO mg/l 4.29 taken at SG 4.30	EF
7/14/2003	12:10	0.44	1.014				10 l. bottle put in needs desiccant	NB
7/16/2003	18:43	0.48					No light on ISCO. Most likely battery empty. Cleaned pipe and staff gauge	MMH
7/20/2003	8:20	0.44	0.997		X		Battery #1 tested ~ 1.6, replace. Swapped with #4.	TRH
7/27/2003	14:20	0.50	1.027				Xi set to run composite sample	EF
7/28/2003	13:55	0.54	1.084				Collection stopped - insufficient rain at PR & PB	NB
7/31/2003	11:40	0.48	1.005	X			5.590 cfs	EF
8/14/2003	10:00	0.84	1.433	X		X	Changed pump tube	SCL
8/20/2003	8:39	0.70	1.307	X			Base collection	NB
9/2/2003	12:45	2.35	2.884	X				CFW
9/3/2003	17:10	1.45	2.000				Cleaned staff gauge and pipe	MMH
9/5/2003	12:45	0.88	1.443				Stream flow measurement	CFW
9/18/2003	17:22						Checked battery #4 - read 10.1. under load (edge of ?) Did not change.	TRH
9/19/2003	10:55	2.17	2.732				Flow measurements	CFW
9/23/2003	14:15	4.50	4.419				Flow measurements	CFW
9/27/2003	17:38	0.86	1.428		X		#4 out, #6 in (tested 11.3)	TRH
10/2/2003	8:15	0.78	1.345	X			10.05 cfs	EF
10/6/2003	12:02	0.68	1.245				Cleaned pipe and staff	MMH

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10/11/2003	7:45	0.70	1.262	X			I was running a data download when I saw the screen saying current level is 1.262 I finished that run. Then returned unit to program & ran another dd.	EF
10/18/2003	8:48	0.99	1.583		X		ISCO OK. Remove battery #6. Install NEW #4.	TRH
10/23/2003	14:45	0.70	1.317				Baseline sample collection	NB
10/27/2003	10:21	2.10	2.706				Cleaned staff gauge	MMH
10/29/2003	11:00	*	4.900				Gauge under water by maybe an inch or two. Profile taken.	CF/ WEF
10/31/2003	7:25	1.85	1.745	X				EF
*10/31							The downstream staff gauge was read at 4.90 on 10/29	EF
11/10/2003	16:20	~0.85	1.478			X		TRH
12/3/2003	7:15	1.00	1.512	X				
12/3/2003	13:35	0.94	1.492				Cleaned pipe and staff gauge	MMH
12/28/2003	14:25	1.15	1.701				Baseline sample collection. A lot of silt on bottom of Loantaka. Screen read "collection done". Emptied ISCO base.	NB

# LOANTAKA 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	11:59		1.860					ASL
4/2/2002	10:50		1.092	X				EF
5/27/2002	10:30		1.117	X				EF
5/29/2002	16:36	1.06	1.019			X	Changed clock 16:17 à 16:36	ASL
6/2/2002	8:55		1.004	X				EF
6/3/2002	20:00				X		# 2 for # 4	LC
6/23/2002	8:20		0.909				Base and split samples taken	EF
7/4/2002	6:55		0.902	X			4.491 cfs	EF
8/1/2002	9:00		0.864	X				4.103 EF
7/15/2002	18:07						ISCO level 0.846 ft. 0.89 Cleaned pipe.	MMH
7/28/2002	7:00						Base sample taken.	EF
7/28/2002	17:50					X		ASL
8/31/2002	7:10			X				EF
9/19/2002	6:08				X		# 1 for # 2	TRH
10/1/2002	7:20			X				EF
10/12/2002	9:50		3.678				Partial bridgework/depth	EF/ BM
11/2/2002	7:45			X				EF
11/4/2002	7:35						Base flow taken	EF
11/19/2002	16:45	1.81	1.738	X		X	Put in fence post	SCL
12/1/2002	12:25		1.327	X			Installed new staff gauge	SCL
12/9/2002	15:30				X		Changed out # 1, in # 5	TRH
12/18/2002	8:30	0.90	1.438				Base flow	EF

# LOANTAKA BROOK LOG SHEET 2000

<b>Date</b> (mm/dd/yy)	<b>Time</b> (hh:mm)	<b>Staff Gage Height</b> (ft)	<b>Sampler Level</b> (ft)	<b>Data Download</b>	<b>Change Battery</b>	<b>Change Desiccant</b>	<b>Comments</b> (Enable point, program progress, and any other observations/actions)	<b>Init.</b>
1/8/2000	16:30				X			TLL
2/5/2000	13:15				X		Normal	RLL
2/11/2000	13:40			X				KP
2/24/2000	10:15					X	Cleaned instream equipment. Reprogrammed sampler. Staff gauge is bent	ASL
3/4/2000	17:00				X		GSWA #7 OK	RLL
3/9/2000	14:00						Replace clean bottle w/ dirty for trial run	KP
3/15/2000	11:05						Take dirty bottle, left clean in shed	WAA
3/16/2000	13:20						Installed clean bottle, enabled at 1.415	WWA
3/18/2000	11:45			X			Samples taken - sampler disabled	EF
4/1/2000	12:30				X		# 5	RLL
4/10/2000	15:30						Reprogrammed sampler - clean bottle in shed. No bottle in sampler.	KJM

# LOANTAKA 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 cleanout. Sprayed for insects.	JES
11/6/1998	--			X			Instream probe cleanout.	KP
12/4/1998	--			X				KP
1/19/1999	--						Instream probe cleanout. Install 24 bottles. Uprighted bent staff case.	KP/JS
1/19/1999	--			X	X		Battery was down.	JES
1/28/1999	--			X			Instream probe cleanout. Set for first flush discrete sampling.	JES
2/22/1999	--			X				KP
2/27/1999	--						Instream probe cleanout. Replace bottles 1-10, changed gauge level to 0.950, set to run	JES
3/7/1999	--						Restocked bottles	NGU
3/8/1999	--				X			KP
3/14/1999	--			X				KP/ JES
3/27/1999	--						Checked	RLL
4/18/1999	--				X			RLL
4/21/1999	--			X				KP
5/18/1999	--						Instream probe cleanout. Set to run @ >.94 Collect base flow.	KP/ BA
5/20/1999	--			X			Collect first flush sample, 1 - 10	KP/ BA
5/22/1999	--				X			RLL
6/8/1999	--			X		X	Instream probe cleanout. Set level. Change to comp. Base flow sample.	JES
6/26/1999	--				X			RLL
7/15/1999	--			X			Instream probe cleanout.	KP
7/31/1999	--				X			RLL
8/20/1999	--			X				EF
8/29/1999	--						Reload bottles. Reconfigure for discrete sample. Set to run	JES/ AXS
9/3/1999	--						Sprayed for insects	JES/ ASL
9/4/1999	--				X			RLL
9/6/1999	--						Monitoring for activation	EF
9/10/1999	--						Program stopped	WWA
9/14/1999	--			X			Set to run @ > 0.977	KPEF
9/15/1999	--						Turned program off	ASL/ JES
9/16/1999	--						Turned program on	EF
9/22/1999	--			X		X	Instream probe cleanout. Bottles # 1-10 clean, bottles # 11-24 unsure?	KN/ ASL

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9/27/1999	--						Adjusted ISCO unit No. 1H to match stream gauge	
9/29/1999	--						Set enable point @ > 1.44	KP
9/30/1999	--						Checked to see if sampling	KP
10/1/1999	--						Collected samples - stopped program	KP
10/6/1999	11:10			X			Program is set to run.	ASL
10/6/1999	16:10						Put clean bottles in #s 1-10	KN
10/10/1999	14:30				X		Run Extended 1	TLL
11/2/1999	9:00						Set to run @ > 1.49	KP
11/3/1999	8:20						Checked bottles - screen was blank. Bottles 1-9 full. Turned off machine by accident when checking bottles.	KP
11/3/1999	9:40			X			Downloaded data, then re-set program to run, w/ bottle 10 in the #1 slot. Collected all bottles and stopped program @ 1.76 ft.	KP
11/14/1999	16:10				X		Normal	TLL
11/23/1999	11:30			X		X	Reprogrammed sampler - not set to run. Clean composite bottle.	BWE/ ASL
12/11/1999	10:45				X		Run Extended 1. OK	RLL
12/12/1999	7:20			X			Program blinking	EF