

South Fork Elk River at various locations																
Humboldt County, California																
Hydrologic Year 00																
Grab Sampling: Turbidity / Suspended Sediment Data - Provisional																
Checked by C. Fenton																
Salmon Forever / Sunny Brae Sediment Lab																
Sign-in	Data Sheet	Location	Date	Time	Type	Tare Bottle	Total Bottle	Volume/	Filter	Filter	Initial Filter	Final Filter	Sediment	Lab	Tur.	FTU
Page #	#	Sampled	Sampled	Sampled	Container	Weight g	Weight g	Bottle Wt.	Total	ID	Weight g	Weight g	Wt.	Code	Code	Turbidity
		Elk Flood PL	02/21/99	14:31	2x6	22.5	256.5	234.0	1 2	45	0.10554	0.19696	0.09142	0	8	---
									2 2	46	0.10596	0.19168	0.08572	0		---
1		Clapp Gulch	07/25/99	(1)	H	18.1	36.9	18.8	1 1	40	0.10828	0.10867	0.00039	0	0	25.7
1		Main Elk above Clapp	07/25/99	(2)	Hach Cell	17.9	38.1	20.2	1 1	41	0.11497	0.11485	-0.00012	2	0	1.1
1		RR Gulch	07/25/99	(3)	Hach Cell	17.9	38.4	20.5	1 1	42	0.10605	0.10933	0.00328	0	0	20.2
1		Main Elk above RR	07/25/99	(4)	Hach Cell	18.1	38.6	20.5	1 1	43	0.11613	0.11600	-0.00013	2	0	1.0
1		Clapp Gulch	11/07/99	14:47	Hach Cell	18.1	36.0	17.9	1 1	74	0.11661	0.11747	0.00086	0	0	20.7
2		SFELK#1	11/16/99	11:49	2x6	23.8	219.6	195.8	1 2	100	0.11762	0.15823	0.04061	0	0	894.0
				11:49												
				11:49												
				11:49												
2		SFELK#2	11/16/99	12:00	2x6	22.7	220.7	198.0	1 1	102	0.11613	0.11870	0.00257	0	0	14.2
				12:00												
				12:00												
2		SFELK#3	11/16/99	12:29	Hach Cell	18.2	38.4	20.2	1 1	103	0.11924	0.12315	0.00391	0	0	430.0
				12:29												
				12:29												
2		SFELK #5	11/16/99	12:40	Hach Cell	18.5	34.9	16.4	1 1	104	0.11821	0.11840	0.00019	0	0	47.6
		SFELK#6	11/16/99	12:45												
				12:45												
				12:45												
2		SFELK#7	11/16/99	12:55	Hach Cell	18.5	38.0	19.5	1 1	105	0.11774	0.12652	0.00878	0	0	805.0
				12:55												
				12:55												
2		SFELK#8	11/16/99	13:02	Hach Cell	18.5	38.0	19.5	1 1	106	0.11795	0.12971	0.01176	0	0	904.0
				13:02												
				13:02												
2		SFELK#9	11/16/99	13:10	Hach Cell	18.4	35.8	17.4	1 1	107	0.11703	0.11944	0.00241	0	0	415.0
				13:10												
				13:10												
				13:10												
2		SFELK#11	11/16/99	13:25	Hach Cell	18.4	37.5	19.1	1 1	108	0.11807	0.11854	0.00047	0	0	73.5

South Fork Elk River at various locations Humboldt County, California Hydrologic Year 00								
Grab Sampling: Turbidity / Suspended Sediment Data - Provisional Salmon Forever / Sunny Brae Sediment Lab								
Sand Fr.	Total	Date	Time	Stage	Vel. Str.	Vel.	Vel.	Comments
Mg/L	Mg/L	Sampled	Sampled		hi or lo	dist.	sec.	
	390.8	2/21/99	14:31					Algae, minor
	757.4		14:31					
	20.7	7/25/99	(1)					(1) no time listed, no stage or velocity
		7/25/99	(2)					2 no time listed, no stage or velocity
	160.0	7/25/99	(3)					3 no time listed, no stage or velocity
		7/25/99	(4)					4 no time listed, no stage or velocity
	48.0	11/7/99	14:47	3 "		10'	5.83	sign in sheet time says 15:00
	207.4	11/16/99	11:49	1/2"	Hi	9"	1	SWidth 4", Parking Lot, sign in sheet H
			11:49		lo	3'	2	
			11:49		lo	3'	4	
			11:49		lo	3'	3.14	
	13.0	11/16/99	12:00		Hi	RL	32	Width 27', HiVel 10'4", Iron Bridge
			12:00		lo	RR	42	
			12:00		lo		39	
	193.6	11/16/99	12:29		Hi	3'	2.56	Width 18"Big Stump,
			12:29		hi	3'	2.65	CI 24", height 21" 3"h2o
			12:29		hi	3'	2.33	label DC2 7pm 7/25/99 on HACH,
	11.6	11/16/99	12:40					Label "past 1001"
		11/16/99	12:45		hi	20	7.34	Stage is PEAK, HiVel 5'
			12:45		hi	20	7.47	8' - 14", 7' - 16", 6' - 16", 4' - 11", 3' - 7", 2' - 6"
			12:45		hi	20	7.34	
	450.4	11/16/99	12:55		Hi	3'	3.6	HiVel 12", CI 14",Label on sheet "N003"
			12:55		hi	3'	3.71	
			12:55		hi	3'	3.72	
	603.3	11/16/99	13:02		Hi	3'	3.4	Width 18", CV 24", Label on sheet "red white fence"
			13:02		hi	3'	2.82	
			13:02		hi	3'	2.3	
	138.5	11/16/99	13:10		Hi	3'	2.08	2" deep at culvert not on ribs, 1 1/2" on ribs
			13:10		hi	3'	2.11	
			13:10		hi	3'	1.79	
			13:10		lo	3'	2.07	
	24.6	11/16/99	13:25		Hi	40'	18	18"culvert, Ci16"

Sign-in	Data Sheet	Location	Date	Time	Type	Tare Bottle	Total Bottle	Volume/	Filter	Filter	Initial Filter	Final Filter	Sediment	Lab	Tur.	FTU
Page #	#	Sampled	Sampled	Sampled	Container	Weight g	Weight g	Bottle Wt.	Total	ID	Weight g	Weight g	Wt.	Code	Code	Turbidity
				13:25												
2		SFELK#12	11/16/99	13:34	Hach Cell	17.9	35.9	18.0	1 1	97	0.11737	0.11789	0.00052	0	0	61.3
				13:34												
				13:34												
				13:34												
2		ELK#13	11/16/99	13:45	Hach Cell	17.7	37.0	19.3	1 1	120	0.11798	0.12082	0.00284	0	0	268.0
				13:45												
				13:45												
2		ELK#14	11/16/99	13:55	Hach Cell	17.9	37.4	19.5	1 1	121	0.11785	0.12033	0.00248	0	0	201.0
2		ELK#15	11/16/99	14:00	Hach Cell	18.5	37.9	19.4	1 1	125	0.11899	0.11908	0.00009	0	0	35.7
2		ELK#16	11/16/99	14:10	Hach Cell	17.9	31.0	13.1	1 1	122	0.11603	0.12339	0.00736	0	0	375.0
2		ELK#17	11/16/99	14:12	Hach Cell	17.8	37.4	19.6	1 1	123	0.11675	0.11823	0.00148	0	0	336.0
				14:12												
				14:12												
2		ELK#17b	11/16/99	14:12	Hach Cell	18.5	37.9	19.4	1 1	124	0.11789	0.11902	0.00113	0	0	91.1
2		ELK#18	11/16/99	14:30	Hach Cell	18.4	38.3	19.9	1 1	126	0.11621	0.11863	0.00242	0	0	189.0
				14:30												
				14:30												
3		SFELK#22	11/16/99	15:22	Hach Cell	18.0	37.1	19.1	1 1	93	0.11711	0.11891	0.00180	0	0	15.7
				15:22												
3		ELK#21	11/16/99	15:27	Hach Cell	18.4	37.5	19.1	1 1	129	0.10721	0.10766	0.00045	0	0	66.4
3		ELK#20	11/16/99	15:40	Hach Cell	18.4	36.9	18.5	1 1	127	0.11716	0.11805	0.00089	0	0	230.0
3		LSFELK#23	11/16/99	(5)	Hach Cell	17.9	36.9	19.0	1 1	94	0.11847	0.11805	-0.00042	2	0	8.2
3		LSFELK#24	11/16/99	15:48	Hach Cell	18.5	36.1	17.6	1 1	95	0.11777	0.11782	0.00005	0	0	11.6
3		SFELK#25	11/16/99	15:50	Hach Cell	17.8	37.5	19.7	1 1	96	0.11768	0.11815	0.00047	0	0	31.3
				15:50												
				15:50												
				15:50												
3		SFELK#26	11/16/99	16:00	Hach Cell	17.8	37.3	19.5	1 1	98	0.11655	0.11826	0.00171	0	0	16.6
				16:00												
				16:00												
3		SFELK#27	11/16/99	16:15	Hach Cell	18.0	37.0	19.0	1 1	99	0.11685	0.11685	0.00000	0	0	127.0
				16:15												
				16:15												
3		SFELK#28	11/16/99	16:40	2x6	23.8	269.6	245.8	1 1	182	0.10583	0.10901	0.00318	0	0	22.0
3		SFELK#29	11/16/99	17:15	2x6	24.1	269.8	245.7	1 1	183	0.10462	0.10572	0.00110	0	0	8.7
				17:15												
				17:15												
				17:15												

Sand Fr.	Total	Date	Time	Stage	Vel. Str.	Vel.	Vel.	Comments						
Mg/L	Mg/L	Sampled	Sampled		hi or lo	dist.	sec.							
			13:25		hi	40'	19.1							
	28.9	11/16/99	13:34		Hi	3'	1.12	stream width 16", Culvert 24", Ci 22"						
			13:34		hi	3'	1.15							
			13:34		hi	3'	54	hung up						
			13:34		lo	3'?	1.17							
	147.2	11/16/99	13:45		Hi		9.73	HiVel 8", Falling, Swidth 16", 18" Culvert, Ci 17.5"						
			13:45		hi		9.41							
			13:45		hi		10.43							
	127.2	11/16/99	13:55					Falling, Ci 14.25", 6" wide moving water						
	4.6	11/16/99	14:00					Falling, 18' culvert, Ci 17.5", 1 quart/minute						
	562.0	11/16/99	14:10					18" culvert, .5 gallon/min estimate						
	75.5	11/16/99	14:12		Hi	3'	4	HiVel 8"						
			14:12		hi	3'								
			14:12		hi	3'								
	58.2	11/16/99	14:12											
	121.6	11/16/99	14:30		Hi	10'	9.17	HiVel 2', LoVel backwater, StreamWidth 3", 54" CV, 46" CI						
			14:30		hi	10'	7.83							
			14:30		hi	10'	8.72							
	94.2	11/16/99	15:22	18.5"	Hi	19'	3.51	HiVel 22', sign in page sloppy, reads 75.7 for NTU						
			15:22		hi	58'	13							
	23.6	11/16/99	15:27					.5 gallon a minute						
	48.1	11/16/99	15:40					24" Culvert, 1 quart/minute						
		11/16/99						18" Culvert, .5 gallons a minute(5) no time listed, Forrested						
	2.8	11/16/99	15:48					Culvert 18" invert 17.5", LATE SERAL FOREST, too small to measure						
	23.9	11/16/99	15:50		Hi	10'	6.8	HiVel 15', Swidth 17", Culvert Creek						
			15:50		hi	10'	6.4							
			15:50		hi	10'	4.93							
			15:50		lo	10'	5.87							
	87.7	11/16/99	16:00		Hi	10'	2.25	HiVel 3', StreamWidth 3', See Field Data sheet						
			16:00		hi	10'	2.53							
			16:00		hi	10'	2.48							
	0.0	11/16/99	16:15		Hi	6'	5.52	HiVel 31(no measure written)						
			16:15		hi	6'	4.73							
			16:15		hi	6'	4.82							
	12.9	11/16/99	16:40		Hi	10'	26.57	SWidth 9', HiVel 5'						
	4.5	11/16/99	17:15		Hi	5	2.47	Falling, HiVel 14", StreamWidth 15' average						
			17:15		hi	5	1.93							
			17:15		hi	5	1.87							
			17:15		lo	5	1.37							

Sign-in	Data Sheet	Location	Date	Time	Type	Tare Bottle	Total Bottle	Volume/	Filter	Filter	Initial Filter	Final Filter	Sediment	Lab	Tur.	FTU
Page #	#	Sampled	Sampled	Sampled	Container	Weight g	Weight g	Bottle Wt.	Total	ID	Weight g	Weight g	Wt.	Code	Code	Turbidity
				17:15												
9		SFELK	12/13/99	13:43	Hach Cell	17.9	37.0	19.1	1 1	197	0.10373	0.10441	0.00068	0	0	40.0
		Faulk +9452	01/09/00	one written												
		Faulk +10344	01/09/00	one written												
		FAULK +11459	01/09/00	one written												
		Faulk +12066	01/09/00	one written												
		Faulk + 14300	01/09/00	one written												
		Old Faulk road	01/09/00	one written												
		Faulk +1580	01/13/00	one written												
15		SFELK A1	01/13/00	10:03	Hach Cell	18.1	32.5	14.4	1 1	283	0.11175	0.11228	0.00053	0	0	46.5
				10:03												
				10:03												
15		SFELK A2	01/13/00	10:03	Hach Cell	18.1	37.0	18.9	1 1	284	0.10925	0.11311	0.00386	0	0	97.7
15		SFELK#2	01/13/00	09:14	Hach Cell	18.0	37.0	19.0	1 1	285	0.11107	0.11192	0.00085	0	0	35.1
				09:14												
				09:14												
				09:14												
				09:14												
15		SFELK#3	01/13/00	10:23	Hach Cell	18.3	34.9	16.6	1 1	286	0.11194	0.11259	0.00065	0	0	63.3
15		SFELK#4	01/13/00	10:33	Hach Cell	18.3	35.7	17.4	1 1	287	0.11462	0.11709	0.00247	0	0	76.6
15		SFELK#5	01/13/00	10:45	Hach Cell	18.0	33.8	15.8	1 1	288	0.11761	0.11939	0.00178	0	0	89.2
15		SFELK#6	01/13/00	11:00	Hach Cell	18.2	36.4	18.2	1 1	289	0.11405	0.11484	0.00079	0	0	35.8
				11:00												
				11:00												
15		SFELK#7A	01/13/00	11:16	Hach Cell	18.4	36.5	18.1	1 1	290	0.11656	0.11761	0.00105	0	0	86.6
15		SFELK#7.5	01/13/00	11:35	Hach Cell	18.2	35.8	17.6	1 1	291	0.11404	0.11478	0.00074	0	0	48.1
15		SFELK#7B	01/13/00	12:51	Hach Cell	18.2	33.7	15.5	1 1	292	0.11622	0.11737	0.00115	0	0	79.5
15		SFELK#8A	01/13/00	11:52	Hach Cell	18.0	34.8	16.8	1 1	293	0.11760	0.11961	0.00201	0	0	136.0
15		SFELK#8B	01/13/00	11:52	Hach Cell	18.1	35.2	17.1	1 1	294	0.11245	0.11854	0.00609	0	0	116.0
15		SFELK#9A	01/13/00	12:23	Hach Cell	18.1	34.3	16.2	1 1	295	0.11091	0.11243	0.00152	0	0	123.0
15		SFELK#9B	01/13/00	12:23	Hach Cell	17.9	33.8	15.9	1 1	296	0.10515	0.10619	0.00104	0	0	124.0
15		SFELK#10	01/13/00	12:47	Hach Cell	18.2	33.6	15.4	1 1	297	0.10450	0.10822	0.00372	0	0	91.8
15		SFELK#11	01/13/00	12:51	Hach Cell	18.3	34.8	16.5	1 1	298	0.10084	0.10212	0.00128	0	0	33.8
15		SFELK#12	01/13/00	13:06	Hach Cell	18.2	33.5	15.3	1 1	299	0.10091	0.10102	0.00011	0	0	26.8
15		SFELK#13	01/13/00	13:33	Hach Cell	17.9	34.4	16.5	1 1	300	0.10555	0.10584	0.00029	0	0	86.2
				13:33												
				13:33												
15		SFELK#14	01/13/00	13:53	Hach Cell	18.0	35.7	17.7	1 1	301	0.10600	0.10635	0.00035	0	0	61.5
				13:53												

Sand Fr.	Total Mg/L	Date Sampled	Time Sampled	Stage	Vel. Str. hi or lo	Vel. dist.	Vel. sec.	Comments						
			17:15											
	35.6	12/13/99	13:43	10' 6"										
		1/9/00	none written					Humboldt crossings all around						
		1/9/00	none written					CV 54"						
		1/9/00	none written					Dry CV 12"						
		1/9/00	none written					CV 24" - 2 1/2 mile spray painted						
		1/9/00	none written					CV14"						
		1/9/00	none written					nonflow CV18"						
		1/13/00	none written					CV18"						
	36.8	1/13/00	10:03	3.7"	Hi	2'	6	fallingculvert invert						
			10:03		hi	2'	4							
			10:03		hi	2'	4							
	204.3	1/13/00	10:03	3.7"		2'	4.7	culvert invert						
	44.7	1/13/00	9:14	2'	Hi	27'	13	Falling CD2' FAST VELOCITY typed , SLOW IS 9.3 SEC/ 4' - Stage at edge						
			9:14		hi	27'	13	CD2'						
			9:14		lo	4'	6	CD2'						
			9:14		lo	4'	10	CD2'						
			9:14		lo	4'	12	CD 2'						
	39.2	1/13/00	10:23	3"		6"	2.75	Falling, culvert invert, DISCHARGE 2.75sec/6"~ 0.30cf						
	142.0	1/13/00	10:33	1"			8	Falling Discharge bucket level 0.20cf/8sec Culvert invert						
	112.7	1/13/00	10:45	1"		340ml	5.15	Falling, culvert invert discharge 340ml/5.15sec,width 3"at culvert						
	43.4	1/13/00	11:00	24.5"	Hi	15'	3	stage is at edge						
			11:00		hi	15'	3							
			11:00		hi	15'	2.5							
	58.0	1/13/00	11:16	1.5"		23.5 cm	4.69	Hvelocity 14",CD 1.5", discharge bucket. Culvert invert						
	42.0	1/13/00	11:35					no flow, standing water						
	74.2	1/13/00	12:51	1.5"		23.5cm	4.69	discharge bucket						
	119.7	1/13/00	11:52	1.5"		12cm	3.5	CD 1.5",HiVelocity 11"discharge bucket, culvert invert						
	356.2	1/13/00	11:52	1.5"		12cm	3.5	discharge bucket, culvert invert						
	93.8	1/13/00	12:23	2"		16.7cm	1.94	discharge bucket, culvert invert						
	65.4	1/13/00	12:23			16.7cm	1.94	discharge bucket, culvert invert						
	241.6	1/13/00	12:47	0.5"		16.5cm	15.31	discharge bucket, culvert invert, clay ball						
	77.6	1/13/00	12:51	0.7"		12cm	7.06	discharge bucket, culvert invert, clay ball						
	7.2	1/13/00	13:06	3.2"			1.6	Falling, Discharge 1.6sec/0.40cfs, culvert invert,Stream width 14"						
	17.6	1/13/00	13:33	1"	Hi	2'	7	stramwidth 25",falling						
			13:33		hi	2'	8							
			13:33		hi	2'	7							
	19.8	1/13/00	13:53	1"		2'	3	Falling,Cl, unable to get at culvert						
			13:53			2'	2							

Sign-in	Data Sheet	Location	Date	Time	Type	Tare Bottle	Total Bottle	Volume/	Filter	Filter	Initial Filter	Final Filter	Sediment	Lab	Tur.	FTU
Page #	#	Sampled	Sampled	Sampled	Container	Weight g	Weight g	Bottle Wt.	Total	ID	Weight g	Weight g	Wt.	Code	Code	Turbidity
				13:53												
16		SFELK#13.5	01/13/00	13:45	Hach Cell	18.1	35.0	16.9	1 1	302	0.10090	0.10113	0.00023	0	0	38.0
		SFELK/Wrigley Rd.	01/13/00	19:00	Hach Cell	18.1	34.4	16.3	1 1	306	0.10272	0.11649	0.01377	0		1000+
16		SFELK #17	01/13/00	13:46	Hach Cell	18.0	36.8	18.8	1 1	307	0.10198	0.10207	0.00009	0	0	25.6
				13:46												
				13:46												
				13:46												
16		SFELK #16A	01/13/00	14:00	Hach Cell	18.2	36.8	18.6	1 1	308	0.10739	0.10787	0.00048	0	0	42.6
16		SFELK#18	01/13/00	14:09	Hach Cell	18.0	37.1	19.1	1 1	309	0.10543	0.10555	0.00012	0	0	34.1
16		SFELK#21	01/13/00	15:07	Hach Cell	18.1	37.9	19.8	1 1	310	0.10062	0.10063	0.00001	0	0	28.5
16		SFELKC	01/13/00	15:24	Hach Cell	18.1	36.5	18.4	1 1	311	0.10292	0.10285	-0.00007	2	0	26.2
16		SFELKC	01/13/00	15:25	Hach Cell	18.1	36.0	17.9	1 1	312	0.10537	0.10531	-0.00006	2	0	41.5
16		SFELKD	01/13/00	15:32	Hach Cell	18.0	36.8	18.8	1 1	313	0.10583	0.10592	0.00009	0	0	62.8
16		SFELKE	01/13/00	15:38	Hach Cell	18.0	37.1	19.1	1 1	314	0.10060	0.10062	0.00002	0	0	32.8
16		ttle SF Bridge	01/13/00	16:00	Hach Cell	18.1	38.1	20.0	1 1	316	0.10570	0.10563	-0.00007	2	0	11.3
16		SFELKE	01/13/00	16:53	Hach Cell	18.4	38.1	19.7	1 1	315	0.10269	0.10262	-0.00007	2	0	19.4
16		LSFELK#1	01/13/00	17:00	Hach Cell	18.0	37.0	19.0	1 1	317	0.10488	0.10478	-0.00010	2	0	5.8
16		LSFELK#2	01/13/00	17:03	Hach Cell	17.9	35.0	17.1	1 1	319	0.10417	0.10425	0.00008	0	0	8.4
16		LSFE	01/13/00	17:15	Hach Cell	18.1	36.8	18.7	1 1	318	0.10163	0.10162	-0.00001	2	0	13.7
16		LLSFELK	01/13/00	18:23	Hach Cell	18.0	37.6	19.6	1 1	320	0.10607	0.10609	0.00002	0	0	12.7
16		LLSFELK#	01/13/00	18:35	Hach Cell	18.1	37.3	19.2	1 1	321	0.10574	0.10574	0.00000	0	0	19.4
17		LLSFELK	01/14/00	10:35	Hach Cell	18.1	36.9	18.8	1 1	329	0.10537	0.11386	0.00849	0	0	254.0
		Old Growth West Side	01/14/00	11:55												
				11:55												
				11:55												
17		LLSF Pipe	01/14/00	10:45	Hach Cell	18.0	36.9	18.9	1 1	330	0.10192	0.10980	0.00788	0	0	183.0
17		LSF O.G.	01/14/00	11:26	Hach Cell	18.1	38.0	19.9	1 1	331	0.10255	0.13874	0.03619	0	0	867.0
16		SFELK/Wrigley Rd.	01/14/00	11:30	Hach Cell	17.9	36.4	18.5	1 1	306	0.10272	0.11649	0.01377	0	1	1000+
17		LSFELK O.G.	01/14/00	12:14	Hach Cell	18.1	37.7	19.6	1 1	327	0.10332	0.10419	0.00087	0	0	33.2
17		LSFELK O.G.	01/14/00	12:40	Hach Cell	18.3	37.8	19.5	1 1	328	0.10659	0.10723	0.00064	0	0	31.2
17		SFELK br@ElkRiver	01/14/00	21:33	DIS										0	288.0
17		LLSFELK	01/14/00	16:21	Hach Cell	18.1	32.3	14.2	1 1	332	0.10662	0.11814	0.01152	0	0	560.0
17		LSFELK Trib. #27	01/14/00	16:50	Hach Cell	18.2	37.5	19.3	1 1	333	0.10555	0.13502	0.02947	0	0	829.0
17		LSFELK	01/14/00	17:14	Hach Cell	18.2	37.5	19.3	1 1	334	0.10221	0.10487	0.00266	0	0	76.4
17		LSFELK#25	01/14/00	18:05	Hach Cell	18.0	37.4	19.4	1 1	335	0.10252	0.10787	0.00535	0	0	248.0
17		LSFELK#24	01/14/00	18:25	Hach Cell	18.0	37.4	19.4	1 1	336	0.10550	0.10606	0.00056	0	0	14.3
17		SFELK#22	01/14/00	18:30	Hach Cell	18.0	37.2	19.2	1 1	322	0.10190	0.10784	0.00594	0	0	205.0
17		LSFELK Old growth	01/14/00	13:39											0	29.0
17		LSFELK	01/14/00	15:41											0	72.0

Sand Fr.	Total	Date	Time	Stage	Vel. Str.	Vel.	Vel.	Comments						
Mg/L	Mg/L	Sampled	Sampled		hi or lo	dist.	sec.							
			13:53			2'	2							
	13.6	1/13/00	13:45	1"		7.6cm	4	Falling, StreamWidth 11", discharge bucket, CI						
	845.2	1/13/00	19:00											
	4.8	1/13/00	13:46		Hi	6'	3.59	Falling, Humboldt crossing below CV						
			13:46		hi	6'	3.44							
			13:46		lo	6'	3.57							
			13:46		lo	6'	3.87							
	25.8	1/13/00	14:00	.8"				Falling, SWidth 8", Discharge 17.44sec/11cm~ 0.2cfs, 1/2 X 5" @1' sec est						
	6.3	1/13/00	14:09					see discharge sheet PRICE AA, CV 48"						
	0.5	1/13/00	15:07					HiVel 9" x 1/2" @ 1 sec , stage is LOW						
		1/13/00	15:24					12" x1/2 " @1 sec est						
		1/13/00	15:25					Rd ditch						
	4.8	1/13/00	15:32					Rd ditch						
	1.0	1/13/00	15:38					1" flow in 30"CV, CI 29"						
		1/13/00	16:00	7'				falling from rail						
		1/13/00	16:53	17' 9"				SEE DISCHARGE PRICE AA, Falling from bridge upstream from rail -						
		1/13/00	17:00					stage is LOW, from ClassIII						
	4.7	1/13/00	17:03											
		1/13/00	17:15					Dip, water bar 10" x 1" @ 1'sec						
	1.0	1/13/00	18:23					Stage LOW, Tule Grass, flow= 12"x?"@1'sec						
	0.0	1/13/00	18:35					Stage Low, see PRICE AA discharge sheet						
	451.7	1/14/00	10:35					see discharge sheet						
		1/14/00	11:55					14" x2"@ 1'sec						
			11:55					36" x 6"@ 2'sec						
			11:55					8" x 4"@ 3' sec fall						
	417.0	1/14/00	10:45					10 -20 gallon minute est						
	1820.7	1/14/00	11:26					4"x10' wide 3'/sec						
	744.7	1/14/00	11:30			25'	3							
	44.4	1/14/00	12:14					4'x9' @10'/1.64sec 15'/2.06sec						
	32.8	1/14/00	12:40					see discharge sheet						
		1/14/00	21:33					falling 7' 10" 4'/sec of bridge Sample taken in DIS to reach surface only, not DIS						
	811.7	1/14/00	16:21					Tule Grass, see discharge sheet, 20 revs 40.5 sec} .6 method, Bubbles @ 1 1/2'/sec						
	1528.4	1/14/00	16:50					Falling, see discharge sheet						
	137.8	1/14/00	17:14	6' 3"				Near Peak/Falling, see discharge sheet						
	275.8	1/14/00	18:05					Falling, Ditch 24' .6height 1'sec						
	28.9	1/14/00	18:25					Falling, 18"CV, CD 4", CI14"						
	309.4	1/14/00	18:30	16.2				falling, stage is from rail						
		1/14/00	13:39					Stage is at PEAK						
		1/14/00	15:41					Falling 6" from peak						

Sign-in Page #	Data Sheet #	Location Sampled	Date Sampled	Time Sampled	Type Container	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total	Filter ID	Initial Filter Weight g	Final Filter Weight g	Sediment Wt.	Lab Code	Tur. Code	FTU Turbidity
17		SFELK#21	01/14/00	18:50	Hach Cell	18.2	37.4	19.2	1 1	323	0.10180	0.10313	0.00133	0	0	37.6
17		SFELK#18	01/14/00	19:25	Hach Cell	18.1	34.5	16.4	1 1	324	0.10671	0.10966	0.00295	0	0	193.0
17		SFELK#12	01/14/00	20:24	Hach Cell	18.0	37.3	19.3	1 1	325	0.10545	0.10680	0.00135	0	0	63.8
17		SFELK#10	01/14/00	20:38	Hach Cell	18.3	37.5	19.2	1 1	326	0.10032	0.10576	0.00544	0	0	277.0
27		SFE#28.5	01/20/00	14:25	Hach Cell	18.0	36.7	18.7	1 1	468	0.10991	0.10997	0.00006	0	0	12.5
				14:25												
				14:25												
27		SFE#28	01/20/00	14:28	Hach Cell	17.7	37.0	19.3	1 1	469	0.11054	0.11075	0.00021	0	0	35.6
27		SFE#27	01/20/00	14:54	Hach Cell	18.4	37.4	19.0	1 1	470	0.11274	0.11297	0.00023	0	0	23.5
				14:54												
				14:54												
				14:54												
				14:54												
27		SFE#25	01/20/00	15:15	Hach Cell	17.8	36.3	18.5	1 1	471	0.11300	0.11673	0.00373	0	0	191.0
				15:15												
				15:15												
27		SFE#24	01/20/00	15:40	Hach Cell	17.9	35.6	17.7	1 1	472	0.11280	0.11277	-0.00003	2	0	5.1
27		SFE#22	01/20/00	16:20											0	31.1
27		SFE#23	01/20/00	16:05	Hach Cell	18.0	36.1	18.1	1 1	473	0.11119	0.11103	-0.00016	2	0	6.3
		SFE#22	01/21/00	16:20												
				16:20												
				16:20												
27		SFE #3	01/25/00	09:47	Hach Cell	17.9	34.8	16.9	1 1	1277	0.12200	0.12229	0.00029	0	0	41.9
27		SFE#4	01/25/00	10:02	Hach Cell	18.0	35.3	17.3	1 1	1278	0.12595	0.12610	0.00015	0	0	34.5
27		SFE#6	01/25/00	10:15	Hach Cell	17.8	34.7	16.9	1 1	1279	0.12262	0.12263	0.00001	0	0	22.8
				10:15												
				10:15												
27		SFE#7A	01/25/00	10:30	Hach Cell	17.8	36.2	18.4	1 1	1280	0.12693	0.12784	0.00091	0	0	88.2
27		SFE#7B	01/25/00	10:30	Hach Cell	17.8	33.4	15.6	1 1	1281	0.12327	0.12364	0.00037	0	0	88.4
27		SFE#8A	01/25/00	10:55	Hach Cell	17.9	34.4	16.5	1 1	1282	0.12470	0.12593	0.00123	0	0	132.0
28		SFE#8B	01/25/00	10:55	Hach Cell	18.0	35.3	17.3	1 1	1283	0.12091	0.12277	0.00186	0	0	195.0
28		SFE#9A	01/25/00	11:10	Hach Cell	17.9	35.2	17.3	1 1	1284	0.12211	0.12330	0.00119	0	0	95.7
28		SFE#9B	01/25/00	11:10		17.8	31.2	13.4	1 1	1285	0.12477	0.12519	0.00042	0	0	45.4
28		SFE#11	01/25/00	11:45		17.9	32.9	15.0	1 1	1286	0.12242	0.12256	0.00014	0	0	30.4
33		SFE#12	01/25/00	11:50											0	21.9
				11:50												
				11:50												
33		SFE#13	01/25/00	12:32	Hach Cell	18.1	34.5	16.4	1 1	639	0.11875	0.12008	0.00133	0	0	144.0

Sand Fr.	Total Mg/L	Date Sampled	Time Sampled	Stage	Vel. Str. hi or lo	Vel. dist.	Vel. sec.	Comments						
	69.3	1/14/00	18:50					CD 4",CS 12" CI 8"						
	179.9	1/14/00	19:25					Falling, CS 48",CD 12"						
	70.0	1/14/00	20:24					Falling, PRICE AA, 24"cv .6, 49 clicks/40.5 sec						
	283.4	1/14/00	20:38					Falling, 24"cv .5in, 18 clicks 40.5 sec						
	3.2	1/20/00	14:25	4"	Hi	78"	2.7	HiVel 14'						
			14:25	4"	hi	78"	2.42							
			14:25	4"	hi	78"	2.6							
	10.9	1/20/00	14:28					Culvert diameter=0.5",Discharge=5.78 sec/Depth=10.5 cm						
	12.1	1/20/00	14:54	9 3/4"	Hi	25"	?	HiVel 60", 2"deep						
			14:54		hi	25"	?							
			14:54		hi	25"	?							
			14:54		lo	3'	3.5	LoVel 24", 9 3/4"dep						
			14:54		lo	3'	3.09							
			14:54		lo	3'	4.16							
	201.6	1/20/00	15:15	6"	Lo	25"	2	LoVelWidth20"						
			15:15		lo	25"	2.5	LoVelWidth20"						
			15:15		lo	25"	2	LoVelWidth20"						
		1/20/00	15:40					CD=2",discharge=2 sec/depth 6.75"						
		1/20/00	16:20	9"		50"	2.67							
		1/20/00	16:05					CD=2.5",discharge=2 sec/depth=5.5" (0.25cf)						
		1/21/00	16:20		hi	50"	2.5	Stream width roughly 30' 35', 1st bridge site, no stage guage yet Field form only						
			16:20		hi	50"	2.5	Stream width roughly 30' 35', 1st bridge site, no stage guage yet Field form only						
			16:20		hi	50"	3	Stream width roughly 30' 35', 1st bridge site, no stage guage yet Field form only						
	17.2	1/25/00	9:47					CD 2 1/8" discharge= 2.72 sec/ 5 3/4" (14cm) ~ .275 cfs						
	8.7	1/25/00	10:02					CD 3/4" discharge = 10.0 sec/ 11cm ~ .2 cfs						
	0.6	1/25/00	10:15	34"		77"	2.08	CD 1 3/4" discharge 3.13sec/4.5" (1`0.2cm) ~.2cfs						
			10:15	34"		77"	2.31							
			10:15	34"		77"	2.05							
	49.5	1/25/00	10:30					CD 1 7/16" discharge: 2.84sec/12.5cm (5") ~ .225 cfs						
	23.7	1/25/00	10:30					same as above						
	74.5	1/25/00	10:55					CD 1 3/4 discharge 3.13sec/4.5" (10.2cm) ~ .2cfs						
	107.5	1/25/00	10:55					same as above`						
	68.8	1/25/00	11:10					CD 3" discharge 1.6 sec/5 5/8" (14cm) ~0.25cfs						
	31.3	1/25/00	11:10					same as above						
	9.3	1/25/00	11:45					cd- 1 1/4" discharge 4.93sec/3 3/4" (9cm) ~ .25cfs						
		1/25/00	11:50		hi	58"	3.09	cd- 2 3/8" discharge 1.07 sec/15cm ~.3 cfs 0.94sec/13.1cm~.25 cfs						
			11:50		hi	58"	3.23							
			11:50		hi	58"	2.82							
	81.1	1/25/00	12:32					Csize 18"CD 3/4"discharge 7.13 sec/14.5"=11cm ~0.20cf						

Sign-in	Data Sheet	Location	Date	Time	Type	Tare Bottle	Total Bottle	Volume/	Filter	Filter	Initial Filter	Final Filter	Sediment	Lab	Tur.	FTU
Page #	#	Sampled	Sampled	Sampled	Container	Weight g	Weight g	Bottle Wt.	Total	ID	Weight g	Weight g	Wt.	Code	Code	Turbidity
33		SFE#13.5	01/25/00	12:45	Hach Cell	18.1	33.9	15.8	1 1	640	0.11282	0.11491	0.00209	0	0	84.3
33		SFE#14	01/25/00	13:02	Hach Cell	18.0	33.3	15.3	1 1	641	0.11470	0.11549	0.00079	0	0	73.7
				13:02												
				13:02												
33		SFE#15	01/25/00	13:07	Hach Cell	17.9	34.0	16.1	1 1	642	0.11702	0.11737	0.00035	0	0	25.7
33		SFE#16	01/25/00	13:17	Hach Cell	18.1	34.3	16.2	1 1	643	0.11679	0.11774	0.00095	0	0	59.8
33		SFE#17A	01/25/00	13:35	Hach Cell	18.1	34.4	16.3	1 1	644	0.11210	0.11231	0.00021	0	0	26.8
				13:35												
				13:35												
33		SFE#17B	01/25/00	13:35	Hach Cell	18.0	33.1	15.1	1 1	645	0.11360	0.11400	0.00040	0	0	34.1
33		SFE#18	01/25/00	13:53	Hach Cell	18.3	34.5	16.2	1 1	646	0.11635	0.11674	0.00039	0	0	37.3
				13:53												
				13:53												
				13:53												
33		SFE#20B	01/25/00	14:34	Hach Cell	18.5	33.5	15.0	1 1	649	0.11407	0.11522	0.00115	0	0	94.2
33		SFE#20A	01/25/00	14:46	Hach Cell	17.9	34.8	16.9	1 1	648	0.11281	0.11892	0.00611	0	0	161.0
33		SFE#21	01/25/00	14:58	Hach Cell	18.6	34.4	15.8	1 1	666	0.11187	0.11287	0.00100	0	0	59.8
				14:58												
				14:58												
33		SFE#22	01/25/00	15:15	Hach Cell	18.4	34.6	16.2	1 1	667	0.11927	0.12005	0.00078	0	0	35.1
				15:15												
				15:15												
34		SFE#2	01/25/00	17:45	Hach Cell	18.6	34.3	15.7	1 1	670	0.11203	0.11288	0.00085	0	0	49.0
34		SFE#30	01/30/00	10:32											0	97.1
				10:32												
				10:32												
				10:32												
				10:32												
				10:32												
34		SFE#28.5	01/30/00	11:50	Hach Cell	18.5	37.0	18.5	1 1	664	0.11599	0.11647	0.00048	0	0	22.0
				11:50												
				11:50												
34		SFE#28	01/30/00	12:10	Hach Cell	17.9	35.8	17.9	1 1	663	0.11879	0.11940	0.00061	0	0	82.5
34		SFE#27.5	01/30/00	12:25	Hach Cell	18.0	33.9	15.9	1 1	662	0.11754	0.11874	0.00120	0	0	120.0
				12:25												

Sand Fr.	Total	Date	Time	Stage	Vel. Str.	Vel.	Vel.	Comments						
Mg/L	Mg/L	Sampled	Sampled		hi or lo	dist.	sec.							
	132.3	1/25/00	12:45					CulvertSize(CS)18",CD1 1/8" discharge 5.67sec/4 7/8"= 18cm ~0.20cf						
	51.6	1/25/00	13:02		Hi	45"	2.59	Culvert size18",CD2 3/16" High Velocity width 10", labeled as 14, discharge not possible here						
			13:02		hi	45"	2.26	see above						
			13:02		hi	45"	2.36	see above						
	21.7	1/25/00	13:07					CD 1/2" Culvert Size 18" discharge = 4 3/8"=10.5cm/15.32sec~0.2cf ,label now						
	58.6	1/25/00	13:17					CD 5/8", discharge 11.22sec/% 5/8"=16.2cm ~ 0.3cf						
	12.9	1/25/00	13:35		Hi	59"	3.44	CD - 5"see notes Upstream 4 5/8"						
			13:35		hi	59"	4	CD - 4.5"see notes						
			13:35		hi	59"	3.88	CD - 4..25"see notes						
	26.5	1/25/00	13:35					see notes Culvert 2 3/8"						
	24.1	1/25/00	13:53		Hi	75"	3.09	see notes, CD 5", high velocity 36"						
			13:53		Hi	75"	2.87	high velocity 36"						
			13:53		hi	75"	2.7	high velocity 36"						
			13:53		lo	75"	3.74	low velocity 6"						
			13:53		lo	75"	3.71	low velocity 6"						
			13:53		lo	75"	3.17	low velocity 6"						
	76.7	1/25/00	14:34					CD 1 5/8"see notes, discharge= 4.01 sec/7.5" = 18.5 cm~~ 0.375cf TAKEN from culvert						
	361.6	1/25/00	14:46					sign in 14:34 C.F. see notes TAKEN from upslope flow into ditch						
	63.3	1/25/00	14:58		Hi	40"	1.9	label "red cr 2:30 2/18/99 CD 1"						
			14:58		hi	40"	1.9							
			14:58		hi	40"	1.4							
	48.1	1/25/00	15:15		Hi	75"	1.5	label "eel River 10:45 2/28/99 ,Hvelocity width 39-40"across						
			15:15		hi	75"	1.15	Hvelocity width 39-40"across						
			15:15		hi	75"	1.4	Hvelocity width 39-40"across						
	54.1	1/25/00	17:45		Hi	th of bri	6.49	label "DC1 10am 2/18/99, CD 18"						
		1/30/00	10:32	6 5/8"	Hi	1'	0.8	HiVel 10" see notes						
			10:32		hi	1'	1.5							
			10:32		hi	1'	1.6							
			10:32		lo	1'	2.8	LoVel 6"						
			10:32		lo	1'	3.2							
			10:32		lo	1'	x							
	25.9	1/30/00	11:50	3.25"	Hi	6'	2.6	HiVel 7'						
			11:50		hi	6'	2.5							
			11:50		hi	6'	2.5							
	34.1	1/30/00	12:10					CD 1.5", DISCHARGE 1.53sec/3.5"= 8.5cm						
	75.5	1/30/00	12:25	1.25"	Lo	2'	1.7	LoVel 1'3"						
			12:25		lo	2'	2							

Sign-in Page #	Data Sheet #	Location Sampled	Date Sampled	Time Sampled	Type Container	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total	Filter ID	Initial Filter Weight g	Final Filter Weight g	Sediment Wt.	Lab Code	Tur. Code	FTU Turbidity
34		SFE#27	01/30/00	12:25 12:50 12:50 12:50 12:50 12:50	Hach Cell	17.8	35.0	17.2	1 1	661	0.11788	0.11954	0.00166	0	0	132.0
34		SFE#26.5	01/30/00	13:10 13:10 13:10 13:10	Hach Cell	17.9	36.0	18.1	1 1	660	0.11668	0.12110	0.00442	0	0	201.0
34		SFE#25	01/30/00	13:30 13:30	Hach Cell	17.8	36.3	18.5	1 1	659	0.11291	0.11478	0.00187	0	0	84.4
34		SFE#24	01/30/00	13:40 13:40 13:40	Hach Cell	18.1	33.3	15.2	1 1	658	0.11814	0.12049	0.00235	0	0	49.5
34		SFE#22B	01/30/00	14:12											0	79.9
34		SFE#23	01/30/00	14:00	Hach Cell	18.0	35.7	17.7	1 1	657	0.11188	0.11208	0.00020	0	0	14.1
		SFE#23	01/30/00	14:00 14:00												
34		SFE#22A	01/30/00	14:12 14:12 14:12	Hach Cell	18.0	36.6	18.6	1 1	656	0.11507	0.11699	0.00192	0	0	82.0
33		SFE#21	01/30/00	14:30 14:30 14:30	Hach Cell	17.9	35.1	17.2	1 1	655	0.11640	0.11933	0.00293	0	0	213.0
33		SFE#20A	01/30/00	14:45	Hach Cell	18.0	35.8	17.8	1 1	652	0.11148	0.11266	0.00118	0	0	93.7
34		SFE#20B	01/30/00	14:45	Hach Cell	17.9	36.5	18.6	1 1	653	0.11770	0.11968	0.00198	0	0	109.0
33		SFE#20C	01/30/00	14:45	Hach Cell	17.9	35.0	17.1	1 1	654	0.11494	0.11684	0.00190	0	0	110.0
33		SFE#18	01/30/00	15:10 15:10 15:10 15:10 15:10	Hach Cell	17.9	35.2	17.3	1 1	647	0.11774	0.11960	0.00186	0	0	119.0

Sand Fr.	Total	Date	Time	Stage	Vel. Str.	Vel.	Vel.	Comments						
Mg/L	Mg/L	Sampled	Sampled		hi or lo	dist.	sec.							
			12:25		lo	2'	2.5							
	96.5	1/30/00	12:50	7"	Hi	3'	0.9	HiVel 1'7"						
			12:50	7"	hi	3'	0.9							
			12:50	7"	hi	3'	1							
			12:50	7"	lo	3'	3.3	LoVel 1'10"						
			12:50	7"	lo	3'	3.2							
			12:50	7"	lo	3'	3.7							
	244.2	1/30/00	13:10	6.5"	Hi		1.6	HiVel 2' measured where NF and LSF meet						
			13:10	6.5"	hi		1.7							
			13:10	6.5"	hi		2							
			13:10	6.5"	lo		2.8	LoVel 1' measured where NF and LSF meet						
			13:10	6.5"	lo		2.3							
	101.1	1/30/00	13:30	6"	Lo	4'	3.2	see notes						
			13:30	6"	lo	4'	3.2							
		1/30/00	13:30	6"	Lo	4'	3.6							
	154.6	1/30/00	13:40		Lo	4'	3.2	DISCHARGE 3.13sec/5 3/8" = 13.2cm, CD 1.25", LoVel 2'3"						
			13:40		lo	4'	3.2							
			13:40		lo	4'	3.6							
		1/30/00	14:12					see notes						
	11.3	1/30/00	14:00		Lo	3'	4.2	LoVel 1'3", CD 2", velocity taken in straight reach ~ 15' above culvert						
		1/30/00	14:00		lo	3'	3.7							
			14:00		lo	3'	3.9							
	103.2	1/30/00	14:12	7.25"	Hi	6'	1.4	HiVel 30-35"						
			14:12		hi	6'	1.2							
			14:12		hi	6'	1.3							
	170.4	1/30/00	14:30		Lo	3'	3.4	CD 2", LoVel 3'6"						
			14:30		lo	3'	4.4							
			14:30		lo	3'	4.2							
	66.3	1/30/00	14:45					DISCHARGE 1.06 sec/ 4.25" = 10.5cm Flask water-cumulative to here 13.9 NTU, CD 2"						
	106.5	1/30/00	14:45					DISCHARGE 1.06 sec/ 4.25" = 10.5cm CD 2"						
	111.1	1/30/00	14:45					DISCHARGE 1.06 sec/ 4.25" = 10.5cm ,CD 2"						
	107.5	1/30/00	15:10		Hi		2.5	CD 7", CI 4'5", HiVel 2'5", LoVel 2'0", fieldnotes say 5'5" total width						
			15:10		hi		2.8							
			15:10		hi		2.5							
			15:10		lo	8'	3.5							
			15:10		lo	8'	3.5							
			15:10		lo	8'	3.8							

Sign-in	Data Sheet	Location	Date	Time	Type	Tare Bottle	Total Bottle	Volume/	Filter	Filter	Initial Filter	Final Filter	Sediment	Lab	Tur.	FTU
Page #	#	Sampled	Sampled	Sampled	Container	Weight g	Weight g	Bottle Wt.	Total	ID	Weight g	Weight g	Wt.	Code	Code	Turbidity
33		SFE#2	01/30/00	16:00	Hach Cell	17.8	34.6	16.8	1 1	651	0.11501	0.11782	0.00281	0	0	143.0
				16:00												
				16:00												
36		SFE#2	02/03/00	12:30	Hach Cell	17.7	35.3	17.6	1 1	1287	0.12489	0.12452	-0.00037	2	0	13.7
36		SFE#2	02/03/00	16:56	Hach Cell	17.9	35.9	18.0	1 1	1288	0.12145	0.12130	-0.00015	2	0	5.9
		SFE	02/06/00	17:00	Hach Cell	18.4	36.7	18.3	1 1	1289	0.12599	0.12571	-0.00028	2	0	17.6
43		SF BLM	02/13/00	12:00	Hach Cell	17.5	36.0	18.5	1 1	1290	0.12279	0.12333	0.00054	0	0	42.0
37		SFE OG #29	02/13/00	15:40	Hach Cell	18.0	36.4	18.4	1 1	620	0.11231	0.11228	-0.00003	2	0	6.8
37		SFE OG #27	02/13/00	17:30	Hach Cell	17.9	35.7	17.8	1 1	621	0.11405	0.11445	0.00040	0	0	13.9
37		SFE OG #26	02/13/00	17:53	Hach Cell	18.0	37.6	19.6	1 1	622	0.11583	0.11585	0.00002	0	0	11.6
37		SFE#28.5	02/14/00	08:14	Hach Cell	18.1	34.8	16.7	1 1	623	0.11663	0.11752	0.00089	0	0	8.1
59			02/14/00	08:14	Hach Cell										0	8.2
		SFELK River	02/20/00	17:00	Hach Cell	17.8	38.4	20.6	1 1	1291	0.12476	0.12476	0.00000	0	0	12.7
		SFELK River	02/21/00	17:30		17.7	36.3	18.6	1 1	1292	0.12168	0.12149	-0.00019	2	0	12.3
		Bridgeless Creek	02/22/00	10:13											0	20.1
				10:13												
				10:13												
		Little Bridge	02/22/00	10:44											0	25.9
				10:44												
				10:44												
		Big Bridge	02/22/00	17:24											0	104.0
		Big Ditch	02/22/00	13:59											0	320.0
				13:59												
				13:59												
		Bridgeless Creek	02/22/00	14:27											0	14.4
				14:27												
				14:27												
		Headwaters	02/22/00	15:20											0	9.5
				15:20												
				15:20												
48		SF	02/22/00	08:45	Hach Cell	17.9	37.4	19.5	1 1	929	0.11222	0.11256	0.00034		0	14.9
48		SF	02/22/00	10:45	Hach Cell	18.0	37.0	19.0	1 1	930	0.11788	0.12104	0.00316		0	125.0
48		SF	02/22/00	13:45	Hach Cell	17.9	37.0	19.1	1 1	931	0.11481	0.12013	0.00532		0	228.0
59		SFE# AA5	02/26/00	08:49	Hach Cell	17.9	34.9	17.0	1 1	1294	0.12198	0.12250	0.00052	0	0	75.5
				08:49												
				08:49												
59		SFE#7A	02/26/00	09:11	Hach Cell	18.0	37.6	19.6	1 1	1295	0.12378	0.12578	0.00200	0	0	147.0
59		SFE#7B	02/26/00	09:11	Hach Cell	17.8	35.7	17.9	1 1	1296	0.12005	0.12228	0.00223	0	0	160.0
59		SFE 8A	02/26/00	09:24	Hach Cell	18.1	37.8	19.7	1 1	1297	0.12785	0.12960	0.00175	0	0	116.0

Sand Fr.	Total	Date	Time	Stage	Vel. Str.	Vel.	Vel.	Comments							
Mg/L	Mg/L	Sampled	Sampled		hi or lo	dist.	sec.								
	167.3	1/30/00	16:00	22"	Hi		4.5	Field sheet says, see bridge length NONE GIVEN							
			16:00		hi		5.5								
			16:00		hi		6.5								
		2/3/00	12:30												
		2/3/00	16:56					bottle marked SFE2							
		2/6/00	17:00					school house .05"rain							
		2/13/00	12:00					Parking Lot							
		2/13/00	15:40												
	22.5	2/13/00	17:30					in sign in as #29							
	1.0	2/13/00	17:53					in sign in as #29							
	53.3	2/14/00	8:14			6'	1.69	HiVel 6.3m, Turbidity was 51.0 on Sign in Sheet, changed							
		2/14/00	8:14	8 1/2"		6'	1.75								
	0.0	2/20/00	17:00												
		2/21/00	17:30												
		2/22/00	10:13		Hi	7'	5.04								
			10:13		hi	7'	5.18								
			10:13		hi	7'	5.7								
		2/22/00	10:44	85"	Hi	15'	5.9								
			10:44		hi	15'	6.45								
			10:44		hi	15'	6.14								
		2/22/00	17:24	18'3"	Hi	18'	4.08								
		2/22/00	13:59		Hi	4'	1.34								
			13:59		hi	4'	1.33								
			13:59		hi	4'	1.27								
		2/22/00	14:27		Hi	7'	4.9								
			14:27		hi	7'	5.02								
			14:27		hi	7'	5.09								
		2/22/00	15:20		Hi	7'	5.61								
			15:20		hi	7'	5.89								
			15:20		hi	7'	6.19								
	17.4	2/22/00	8:45	142"											
	166.3	2/22/00	10:45	136.0"											
	278.6	2/22/00	13:45	131"											
	30.6	2/26/00	8:49		Hi	3'	9.8	Csize 16", CI 3"							
			8:49		hi	3'	8.5								
			8:49		hi	3'	6.3								
	102.0	2/26/00	9:11					DISCHARGE 2.9sec/.0cfs/10.25"Csize 18", CD 2", CI 12"							
	124.6	2/26/00	9:11					2.5sec/0.5cfs/10.5"							
	88.8	2/26/00	9:24					CD 2.25", CI 22", A = 2.82sec/.375cfs/7'4" B= 2.82sec/.375cfs/7.5"							

Sign-in	Data Sheet	Location	Date	Time	Type	Tare Bottle	Total Bottle	Volume/	Filter	Filter	Initial Filter	Final Filter	Sediment	Lab	Tur.	FTU
Page #	#	Sampled	Sampled	Sampled	Container	Weight g	Weight g	Bottle Wt.	Total	ID	Weight g	Weight g	Wt.	Code	Code	Turbidity
59		SFE#8B	02/26/00	09:24	Hach Cell	18.0	38.1	20.1	1 1	1298	0.12260	0.12432	0.00172	0	0	132.0
59		SFE#18	02/26/00	09:55	Hach Cell	18.1	37.6	19.5	1 1	1299	0.12637	0.12761	0.00124	0	0	67.6
				09:55												
				09:55												
				09:55												
59		SFE#22	02/26/00	11:07	Hach Cell	18.1	37.7	19.6	1 1	1393	0.12408	0.12444	0.00036	0	0	20.2
59		SFE#23	02/26/00	11:50	Hach Cell	18.0	35.8	17.8	1 1	1394	0.12308	0.12303	-0.00005	2	0	5.6
				11:50												
				11:50												
59		SFE#25	02/26/00	12:08	Hach Cell	17.7	35.1	17.4	1 1	1400	0.12194	0.12272	0.00078	0	0	14.5
				12:08												
				12:08												
59		SFE#25B	02/26/00	12:08	Hach Cell	18.0	36.1	18.1	1 1	1395	0.12608	0.12644	0.00036	0	0	21.3
59		SFE#26	02/26/00	12:32	Hach Cell	18.0	37.5	19.5	1 1	1396	0.12246	0.12253	0.00007	0	0	8.6
59		SFE#26.5	02/26/00	13:00	Hach Cell	17.9	36.8	18.9	1 1	1300	0.12813	0.12950	0.00137	0	0	30.7
				13:00												
				13:00												
				13:00												
59		SFE#28.5	02/26/00	14:05	Hach Cell	17.9	37.4	19.5	1 1	1301	0.12200	0.12207	0.00007	0	0	10.2
59		LSFE#28.5B	02/26/00	14:05	Hach Cell	18.1	35.0	16.9	1 1	1303	0.12578	0.12585	0.00007	0	0	13.6
59		LSFE CASC	02/26/00	14:44	Hach Cell										0	7.5
				14:44												
				14:44												
60		LSFELK#30	02/26/00	15:16	Hach Cell	17.8	37.2	19.4	1 1	1402	0.12059	0.12067	0.00008		0	4.7
				15:16												
				15:16												
				15:16												
				15:16												
				15:16												
60		LSFELK#30	02/26/00	15:45	Hach Cell	17.8	34.9	17.1	1 1	1403	0.12566	0.12570	0.00004	6	0	4.9
59		LSFE 29	02/26/00	15:54	Hach Cell	18.0	36.8	18.8	1 1	1397	0.12485	0.12479	-0.00006	2	0	5.2
60		LSFELK#30	02/26/00	16:22	Hach Cell	18.2	36.1	17.9	1 1	1404	0.12338	0.12340	0.00002	0	0	9.3
		SFE #29	02/26/00	16:23												
		SFE#29	02/26/00	16:24	Hach Cell	18.1	37.4	19.3	1 1	1398	0.12265	0.12260	-0.00005	2	0	4.8
60		LSFELK#30	02/26/00	16:45	Hach Cell	17.9	36.2	18.3	1 1	1405	0.12341	0.12342	0.00001	0	0	4.2
60		SFE#28.5	02/26/00	17:02												
				17:02												
				17:02												
				17:02												

Sand Fr.	Total	Date	Time	Stage	Vel. Str.	Vel.	Vel.	Comments										
Mg/L	Mg/L	Sampled	Sampled		hi or lo	dist.	sec.											
	85.6	2/26/00	9:24					see form										
	63.6	2/26/00	9:55		Hi	12'	5.56	CD 6.5", CI 3'5.5", HiVel middle water, LowVel slow										
			9:55		hi	12'	7											
			9:55		lo	12'	7.38											
			9:55		lo	12'	12.25											
	18.4	2/26/00	11:07					DISCHARGE see sheet: before discharge left 5.65m/right 5.5m After discharge left 5.67m/right 5.5m										
		2/26/00	11:50		Hi	3'	3.56	Csize 16", CD 1.25", CI 4.75"										
			11:50		hi	3'	3.19											
			11:50		hi	3'	3.34											
	44.8	2/26/00	12:08	6"	Hi		9.9	see form										
			12:08		hi		9.6											
			12:08		hi		9.3											
	19.9	2/26/00	12:08					see form										
	3.6	2/26/00	12:32	6"				SEE DISCHARGE falling 7'1" rail pipe										
	72.5	2/26/00	13:00	6.5"	Hi	3'	2.??	stage in signin hard to read, falling 6 1/2 ??? Nail										
			13:00		hi	3'	2.53											
			13:00		hi	3'	2.41											
			13:00		lo	3'	2.81											
	3.6	2/26/00	14:05					SEE DISCHARGE Falling 9" nail										
	4.1	2/26/00	14:05															
		2/26/00	14:44		Hi	30'	2.2	see sheet SAMPLE DUMPED										
			14:44		hi	30'	2.92	SAMPLE DUMPED										
			14:44		hi	30'	2.18	SAMPLE DUMPED										
	4.1	2/26/00	15:16	7"	Hi	6'	4.47	FALLING										
			15:16	7"	hi	6'	3.9											
			15:16	7"	hi	6'	3.75											
			15:16	7"	lo	6'	5.88											
			15:16	7"	lo	6'	5.11											
			15:16	7"	lo	6'	20.93											
	2.3	2/26/00	15:45	7"				FALLING, Algae										
		2/26/00	15:54	8"				5.04NTU@ 16:24 SEE DISCHARGE										
	1.1	2/26/00	16:22	7"				falling										
		2/26/00	16:23	8"				DISCHARGE see sheet										
	0.5	2/26/00	16:45	6 7/8"				falling										
		2/26/00	17:02	2.5"	Hi	6'	2.78	see sheet										
			17:02		hi	6'	3.22											
			17:02		hi	6'	3.06											
			17:02															

Sign-in	Data Sheet	Location	Date	Time	Type	Tare Bottle	Total Bottle	Volume/	Filter	Filter	Initial Filter	Final Filter	Sediment	Lab	Tur.	FTU
Page #	#	Sampled	Sampled	Sampled	Container	Weight g	Weight g	Bottle Wt.	Total	ID	Weight g	Weight g	Wt.	Code	Code	Turbidity
		SFE#28.5A	02/26/00	17:06	Hach Cell	17.8	36.6	18.8	1 1	1399	0.12461	0.12472	0.00011	0	0	8.3
60		LSF 28.5B	02/26/00	17:20	Hach Cell											missing
60		WaterBar#27	02/26/00	17:25	Hach Cell	17.7	36.5	18.8	1 1	1406	0.12085	0.14193	0.02108	0	1	>1000
60		LSFE#26.5	02/26/00	17:47	Hach Cell	18.0	36.8	18.8	1 1	1407	0.12468	0.12591	0.00123	0	0	58.5
60		SFE#22	02/26/00	17:51	Hach Cell	17.8	36.1	18.3	1 1	1401	0.12247	0.12262	0.00015	0	0	13.6
				17:51												
				17:51												
60		SFE #22	02/26/00	17:54	Hach Cell										0	16.4
60		LSFE #26	02/26/00	18:00	Hach Cell	17.8	36.5	18.7	1 1	1408	0.12147	0.12164	0.00017	0	0	8.8
		SFELK	02/26/00	18:10	Hach Cell	18.4	35.4	17.0	1 1	1409	0.12382	0.12440	0.00058	0	0	23.4
		SFELK#18	02/26/00	18:20	3x8PB Soda	45.9	541.0	495.1	1 3	1304	0.12529	0.14400	0.01871	0	0	76.7
				18:20					2 3	1305	0.12676	0.14413	0.01737	0		
				18:20					3 3	1306	0.12133	0.14444	0.02311	0		
60		SFE#2	02/26/00	19:41	2X7	368.8	510.2	141.4	1 2	1410	0.12147	0.12481	0.00334	0	0	348.0
				19:41					2 2	1411	0.12594	0.18964	0.06370	0		
		SFE#2	02/26/00	19:45	DIS	376.6	551.1	174.5	1 2	1412	0.12290	0.17604	0.05314	0	0	350.0
				19:45					2 2	1413	0.12344	0.15970	0.03626	0		
60		SFE Tom's	02/26/00	20:04	2x7		575.5		1 5	1307	0.12517	0.17746	0.05229	0	1	>1000
				20:04					2 5	1308	0.12077	0.20425	0.08348	0		
				20:04					3 5	1309	0.12452	0.17263	0.04811	0		
60				20:04					4 5	1310	0.12321	0.17310	0.04989	0		
60				20:04					5 5	1311	0.12454	0.36090	0.23636	0		
		SF elk river	02/27/00	16:00	Hach Cell	17.9	37.3	19.4	1 1	1312	0.12180	0.12494	0.00314	0	0	156.0
61		Tom's Gulch	02/29/00	10:06	2 x 7	30.5	213.0	182.5	1 5	673	0.11318	0.13392	0.02074	2	1	972.5
				10:06	2 x 7				2 5	674	0.11243	0.12922	0.01679	0	0	
				10:06	2 x 7				3 5	675	0.11820	0.13833	0.02013	0	0	
				10:06	2 x 7				4 5	676	0.11392	0.22510	0.11118	0	0	
				10:06	2 x 7				5 5	678	0.11253	0.26241	0.14988	0	0	
59		SFE#8B	02/29/00	09:24	Hach Cell										0	132.0
61		SFE#2 Kiosk	02/29/00	09:59	3 x 6	36.5	314.8	278.3	1 1	1423	0.12494	0.18774	0.06280	0	0	195.0
				09:59												
				09:59												
61		SFE#3	02/29/00	11:09	2 x 6	22.2	140.1	117.9	1 1	1422	0.12293	0.14659	0.02366	0	0	148.0
				11:09												
61		SFE#7	02/29/00	11:16	2x6 PB	24.1	166.7	142.6	1 2	1420	0.12360	0.20658	0.08298	0	0	451.0
				11:16					2 2	1421	0.12392	0.13312	0.00920	0		
				11:16												
				11:16												
				11:16												

Sand Fr. Mg/L	Total Mg/L	Date Sampled	Time Sampled	Stage	Vel. Str. hi or lo	Vel. dist.	Vel. sec.	Comments									
	5.9	2/26/00	17:06					17:02 on Sign In Sheet									
		2/26/00	17:20	8 7/8"				STAGE is falling see discharge sheet									
	1122.1	2/26/00	17:25					Rising, trail 1.5" x 6" flow slow (1/sec)									
	65.4	2/26/00	17:47	6"				Stage is falling nail See DISCHARGE sheet, Sign in sheet (falling) and Field form (rising)									
	1748.3	2/26/00	17:51	45mete	Hi	6'	2.28	Falling, rail									
			17:51		hi	6'	2.1										
			17:51		hi	6'	1.9										
		2/26/00	17:54	18'7"				Stage Falling SEE DISCHARGE SHEET									
	9.1	2/26/00	18:00	7'2"				Falling, see sheet for 2.26.000, 12:32									
	34.1	2/26/00	18:10					not on Sign In sheet									
	37.8		18:20					Cuvert size 53", no sample available									
			18:20														
			18:20														
23.6	474.3	2/26/00	19:41	10'7"				PRICE AA, 43.72/24clicks - slower LE 1.6' deep, 43.37/35 clicks center 3', 42.56/62 clicks RE 3'									
	304.6	2/26/00	19:45					bottom not on Sign in Sheet									
		2/26/00	19:45														
411.0	2314.7	2/26/00	20:04	9'11"				Falling, SEE DISCHARGE SHEET ,NTU at surfa no original tare bottle wt - used avg. last 5 bot.									
			20:04					sand fraction									
			20:04														
			20:04					NTU says DIS, sheet written twice in sign in									
			20:04														
	161.9	2/27/00	16:00					1"+ rain									
	1748.3	2/29/00	10:06	9'3"				SEE DISCHARGE SHEET stage falling	no sand fraction								
			10:06														
			10:06														
			10:06														
		2/29/00	9:24					see form									
	225.7	2/29/00	9:59	8'9"	Hi	10	3.01	Falling, HiVel 8' LowVel 3'+7'to8', sign in sheet says 2x7									
			9:59		hi	10	5.5										
			9:59		hi	10	4.42										
	200.7	2/29/00	11:09	24"	Hi	40'	0.02 (cv	Falling, Culvert Invert 1'8"									
			11:09		hi	1'	1.18										
	582.1	2/29/00	11:16		Hi	4	3.39	no measurement for distance written									
			11:16		hi	4	2.54										
			11:16		lo	4	4.69										
			11:16														

Sign-in	Data Sheet	Location	Date	Time	Type	Tare Bottle	Total Bottle	Volume/	Filter	Filter	Initial Filter	Final Filter	Sediment	Lab	Tur.	FTU
Page #	#	Sampled	Sampled	Sampled	Container	Weight g	Weight g	Bottle Wt.	Total	ID	Weight g	Weight g	Wt.	Code	Code	Turbidity
61		SFE#8	02/29/00	11:29	2x 6	24.0	135.2	111.2	1 1	1424	0.12177	0.19156	0.06979	0	0	419.0
				11:29												
				11:29												
		SFELK #A4	02/29/00	x	2x6	24.0	233.9	209.9	1 1	1425	0.12065	0.13629	0.01564	0	0	107.0
65		SFELK	03/05/00	18:00	Hach Cell	17.8	37.4	19.6	1 1	1313	0.12727	0.12778	0.00051	0	0	23.3
65		SFELK	03/12/00	16:30	Hach Cell	17.9	37.8	19.9	1 1	1314	0.12276	0.12290	0.00014	0	0	11.7
73		Tom's Gulch SFE 0.5	03/17/00	10:28	Hach Cell	17.8	37.5	19.7	1 1	1315	0.12307	0.13834	0.01527	0	0	767.0
73		Tom's Gulch SFE 0.5	03/17/00	10:52	Hach Cell	17.9	36.2	18.3	1 1	1316	0.12364	0.13528	0.01164	0	0	630.0
27		SFELK	03/18/00	18:00	Hach Cell	17.7	37.2	19.5	1 1	1317	0.12118	0.12122	0.00004	0	0	8.6
73		Tom's Gulch SFE 0.5	04/04/00	15:35	Hach Cell	17.8	33.2	15.4	1 1	1319	0.12197	0.12209	0.00012	0	0	30.9
73		SFE #2	04/04/00	15:39	Hach Cell	18.4	34.3	15.9	1 1	1318	0.12527	0.12520	-0.00007	2	0	4.5
		4 SFELK	04/18/00	17:55	Hach Cell	18.2	38.8	20.6	1 1	63	0.11226	0.11348	0.00122	0	0	36.3
		4 SFELK	04/18/00	18:14	Hach Cell	18	37.1	19.1	1 1	62	0.10313	0.10391	0.00078	0	0	30.7

Sand Fr.	Total	Date	Time	Stage	Vel. Str.	Vel.	Vel.	Comments						
Mg/L	Mg/L	Sampled	Sampled		hi or lo	dist.	sec.							
	627.9	2/29/00	11:29		Hi	4	1.7	Falling, CS 24",CD 4",CI 20"						
			11:29		hi	4	1.79							
			11:29		hi	4	1.73							
	74.5	2/29/00	x			25'	5.76	10" in 18"CV 25'/5.76sec						
	26.0	3/5/00	18:00											
	7.0	3/12/00	16:30					ALMOST						
	775.5	3/17/00	10:28					discharge- see sheet						
	636.3	3/17/00	10:52					discharge- see sheet, sign in says 10:52						
	2.1	3/18/00	18:00					PUMPABLE, visual comparison						
	7.8	4/4/00	15:35					see field notes						
		4/4/00	15:39					see field notes						
	59.2	4/18/00	17:55	11.1				stage dn 11.1 at section nail - processed hy01						
	40.8	4/18/00	18:14	10.9				STAGE DN 10.9 AT KIOSK						

South Fork Elk River (SFMRB) (SFELK MB)

Marcie Bohannon property 8050 Elk River Road - Humboldt County, California

Hydrologic Year 00

Compiled by S. Farhi and C. Fenton

Grab Sampling: Turbidity / Suspended Sediment Data - provisional

Salmon Forever / Sunny Brae Sediment Lab

Sign-in	Data Sheet	Location	Date	Time	Type	Tare Bottle	Total Bottle	Volume/	Filter	Filter	Initial Filter	Final Filter	Sediment	Lab	Tur.	FTU
Page #	#	Sampled	Sampled	Sampled	Container	Weight g	Weight g	Bottle Wt.	Total	ID	Weight g	Weight g	Wt.	Code	Code	Turbidity
70		SFLEK mb1	04/14/00	01:30	ISCO										0	8.0
70		SFELK mb2	04/14/00	07:30	ISCO										0	236.0
70		SFELK mb 3	04/14/00	13:30	ISCO										0	7.4
70		SFELK mb 4	04/14/00	19:30	ISCO										0	8.5
70		SFELK mb 5	04/15/00	01:30	ISCO										0	8.6
70		SFELK mb 6	04/15/00	07:30	ISCO										0	481.0
70		SFLElk mb 7	04/15/00	13:30	ISCO										0	21.6
70		SFELK mb 1	04/15/00	19:00	ISCO										0	5.8
70		SFELK mb 2	04/15/00	21:00	ISCO										0	5.1
70		SFELK mb 3	04/15/00	23:00	ISCO										0	5.7
70		SFELK mb 4	04/16/00	01:00	ISCO										0	5.2
70		SFELK mb 5	04/16/00	03:00	ISCO										0	9.1
70		SFELK mb 6	04/16/00	05:00	ISCO										0	6.2
70		SFELK mb 7	04/16/00	07:00	ISCO										0	7.4
70		SFELK mb 8	04/16/00	09:00	ISCO										0	6.5
70		SFELK mb 9	04/16/00	11:00	ISCO										0	6.8
70		SFELK mb 10	04/16/00	13:00	ISCO										0	8.6
70		SFELK mb 11	04/16/00	15:00	ISCO										0	8.8
70		SFELK mb12	04/16/00	17:00	ISCO										0	12.6
71		SFELK mb 13	04/16/00	19:00	ISCO										0	16.2
71		SFELK mb 14	04/16/00	21:00	ISCO										0	27.8
71		SFELK mb 15	04/16/00	23:00	ISCO										0	64.5
71		SFELK mb 16	04/17/00	01:00	ISCO										0	64.5
71		SFELK mb 17	04/17/00	03:00	ISCO										0	152.0
71		SFELK mb 18	04/17/00	05:00	ISCO										0	225.0
71	3	SFELK mb 19	04/17/00	07:00	ISCO	85.0	263.9	178.9	1 1	56	0.11145	0.13525	0.02380	0	0	264.0
71	3	SFELK mb 20	04/17/00	09:00	ISCO	102.3	283.6	181.3	1 1	57	0.11239	0.17725	0.06486	0	0	199.0
71	5	SFELK mb 21	04/17/00	11:00	ISCO	89.5	273.0	183.5	1 1	90	0.11166	0.15742	0.04576	0	0	123.0
71	3	SFELK mb 22	04/17/00	13:00	ISCO	86.7	267.6	180.9	1 1	58	0.10132	0.14213	0.04081	0	0	103.0
71		SFELK mb 23	04/17/00	15:00	ISCO										0	86.4

South Fork Elk River (SFMRB)							
Marcie Bohannon property 8050 Elk River Road - Humboldt County, California							
Hydrologic Year 00							
Grab Sampling: Turbidity / Suspended Sediment Data - provisional							
Salmon Forever / Sunny Brae Sediment Lab							
Total	Date	Time	Stage	Vel. Str.	Vel.	Vel.	Comments
Mg/L				hi or lo	dist.	sec.	
	4/14/00	01:30					These samples from Marcie Bohannons taken with no stage or velocity
	4/14/00	07:30					Samples still in lab - no ssc run yet
	4/14/00	13:30					
	4/14/00	19:30					
	4/15/00	01:30					
	4/15/00	07:30					intake problem
	4/15/00	13:30					
	4/15/00	19:00					
	4/15/00	21:00					
	4/15/00	23:00					
	4/16/00	01:00					
	4/16/00	03:00					
	4/16/00	05:00					
	4/16/00	07:00					
	4/16/00	09:00					
	4/16/00	11:00					
	4/16/00	13:00					
	4/16/00	15:00					
	4/16/00	17:00					
	4/16/00	19:00					
	4/16/00	21:00					
	4/16/00	23:00					
	4/17/00	01:00					yes same NTU
	4/17/00	03:00					
	4/17/00	05:00					
133.0	4/17/00	07:00					processed hy01
357.8	4/17/00	09:00					processed hy 01
249.4	4/17/00	11:00					processed hy 01
225.6	4/17/00	13:00					processed hy 01
	4/17/00	15:00					

Sign-in	Data Sheet	Location	Date	Time	Type	Tare Bottle	Total Bottle	Volume/	Filter	Filter	Initial Filter	Final Filter	Sediment	Lab	Tur.	FTU
Page #	#	Sampled	Sampled	Sampled	Container	Weight g	Weight g	Bottle Wt.	Total	ID	Weight g	Weight g	Wt.	Code	Code	Turbidity
71	3	SFELK mb 24	04/17/00	17:00	ISCO	103.1	304.1	201.0	1 1	59	0.11026	0.16643	0.05617	0	0	105.0
71	3	SFELK mb 1A	04/17/00	20:00	ISCO	83.9	298.7	214.8	1 2	60	0.11102	0.16838	0.05736	0	0	326.0
						83.9	298.7	214.8	2 2	61	0.11371	0.16312	0.04941	0		
71		SFELK mb	04/17/00	20:01	H										0	377.0
71	5 - hy 01	SFELK mb 2A	04/17/00	22:13	ISCO	92.0	276.1	184.1	1 2	64	0.11145	0.15699	0.04554	0	0	236.0
						92.0	276.1	184.1	2 2	66	0.11084	0.16670	0.05586	0		
71	5 - hy01	SFELK mb 3A	04/18/00	00:13	ISCO	98.5	285.3	186.8	1 1	67	0.10160	0.16616	0.06456	0	0	157.0
71	5	SFELK mb 4A	04/18/00	02:13	ISCO	99.5	283.4	183.9	1 1	68	0.11056	0.15673	0.04617	0	0	103.0
71	5	SFELK mb 5A	04/18/00	04:13	ISCO	88.4	269.7	181.3	1 1	69	0.11137	0.16011	0.04874	0	0	87.5
71	5	SFELK mb 6A	04/18/00	06:13	ISCO	88.2	266.3	178.1	1 1	70	0.10323	0.13398	0.03075	0	0	70.5
71	5	SFELK mb 7A	04/18/00	08:13	ISCO	103.3	291.1	187.8	1 1	71	0.09905	0.12932	0.03027	0	0	62.4
72	5	SFELK mb 8A	04/18/00	10:13	ISCO	103.7	288.3	184.6	1 1	72	0.11117	0.13975	0.02858	0	0	53.4
72	5	SFELK mb 9A	04/18/00	12:13	ISCO	103.3	293.7	190.4	1 1	73	0.11013	0.13154	0.02141	0	0	48.3
72	5	SFELK mb 10A	04/18/00	14:13	ISCO	102.7	283.8	181.1	1 1	74	0.11271	0.14676	0.03405	0	0	44.7
72	5	SFELK mb 11A	04/18/00	16:13	ISCO	84.5	263.4	178.9	1 1	75	0.11349	0.13270	0.01921	0	0	35.1
72		SFELK mb 10	04/18/00	17:55	Hach Cell			0.0	1 1				0.00000		0	36.3
72	5	SFELK mb 12A	04/18/00	18:13	ISCO	104.4	277.0	172.6	1 1	76	0.11414	0.13423	0.02009	0	0	36.7
72		SFELK	04/18/00	18:14	Hach Cell			0.0	1 1				0.00000		0	30.7
72	5	SFELK MB 13A	04/18/00	20:13	ISCO	99.1	279.6	180.5	1 1	77	0.10044	0.11422	0.01378	0	0	33.8
72	5	SFELK mb14A	04/18/00	22:13	ISCO	83.2	269.1	185.9	1 1	78	0.11403	0.12545	0.01142	0	0	32.4
72	5	SFELK mb 15A	04/19/00	00:13	ISCO	85.5	264.8	179.3	1 1	79	0.11338	0.12737	0.01399	0	0	31.7
72	5	SFELK mb 16A	04/19/00	02:13	ISCO	86.5	264.1	177.6	1 1	80	0.11380	0.12737	0.01357	0	0	26.4
72	5	SFELK mb 17A	04/19/00	04:13	ISCO	90.7	269.8	179.1	1 1	81	0.09967	0.10893	0.00926	0	0	24.1
72	5	SFELK mb 18A	04/19/00	06:13	ISCO	88.8	255.7	166.9	1 1	83	0.11220	0.12009	0.00789	0	0	25.9
72	5	SFELK mb 19A	04/19/00	08:13	ISCO	101.4	274.7	173.3	1 1	84	0.11340	0.12128	0.00788	0	0	27.1
72	5	SFELK mb 20A	04/19/00	10:13	ISCO	89.1	266.3	177.2	1 1	85	0.10033	0.10852	0.00819	0	0	25.7
72	5	SFELK mb 21A	04/19/00	12:13	ISCO	103.1	271.5	168.4	1 1	86	0.11231	0.11937	0.00706	0	0	23.1
72	5	SFELK mb 22A	04/19/00	14:13	ISCO	103.1	284.5	181.4	1 1	87	0.11225	0.11820	0.00595	0	0	21.9
72	5	SFELK mb 23A	04/19/00	16:13	ISCO	103.3	269.6	166.3	1 1	88	0.11405	0.11982	0.00577	0	0	22.7
72	5	SFELK mb 24A	04/19/00	18:13	ISCO	99.6	265.3	165.7	1 1	89	0.09982	0.10406	0.00424	0	0	22.3
61		SFE# A4	02/29/00	11:09	2 x 6										1	107.0

	Total	Date	Time	Stage	Vel. Str.	Vel.	Vel.	Comments			
	Mg/L				hi or lo	dist.	sec.				
	279.5	4/17/00	17:00					processed hy01			
	267.1	4/17/00	20:00								
	230.1										
Total	497.1							processed hy 01			
		4/17/00	20:01					Hach correlate			
	247.4	4/17/00	22:13					processed hy 01			
	303.5										
Total	550.9										
	345.7	4/18/00	00:13					processed hy 01			
	251.1	4/18/00	02:13					processed hy 01			
	268.9	4/18/00	04:13					processed hy 01			
	172.7	4/18/00	06:13					processed hy 01			
	161.2	4/18/00	08:13					processed hy 01			
	154.8	4/18/00	10:13					processed hy 01			
	112.5	4/18/00	12:13					processed hy 01			
	188.0	4/18/00	14:13					processed hy 01			
	107.4	4/18/00	16:13					processed hy 01			
		4/18/00	17:55					stage=falling 11.1 x section nail	Price AA discharge		
	116.4	4/18/00	18:13					stage=falling 20.3' below Mb bridge rail - processed hy01			
	#DIV/O!	4/18/00	18:14	10.9'				stage =falling, kiosk			
	76.3	4/18/00	20:13					water level 1.0' below root. Peak est 2.0' above			
	61.4	4/18/00	22:13					processed hy 01			
	78.0	4/19/00	00:13					processed hy 01			
	76.4	4/19/00	02:13					processed hy 01			
	51.7	4/19/00	04:13					processed hy 01			
	47.3	4/19/00	06:13					processed hy 01			
	45.5	4/19/00	08:13					processed hy 01			
	46.2	4/19/00	10:13					processed hy 01			
	41.9	4/19/00	12:13					processed hy 01			
	32.8	4/19/00	14:13					processed hy 01			
	34.7	4/19/00	16:13					processed hy 01			
	25.6	4/19/00	18:13					processed hy 01			
		2/29/00	11:09			25'	5.76	10" in 18" CV, CI 8"			

Redwood Creek - S. Fork Eel

Compiled by E. Newman

Humboldt County, California

Checked By C. Fenton

Hydrologic Year 00

Grab Sampling: Turbidity / Suspended Sediment Data - provisional

Salmon Forever / Sunny Brae Sediment Lab

Sign in page #	Datasheet #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Date run	Turbidity Time run	Turbidity By	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.
25		REDWOOD CREEK	01/19/00	08:30	J. Courtois	12	0	NS	01/23/00	12:27	J. Noell			
25		REDWOOD CREEK	01/19/00	21:00	J. Courtois	30	0	NS	01/23/00	12:28	J. Noell			
25		REDWOOD CREEK	01/20/00	09:30	J. Courtois	10	0		01/23/00	12:29	J. Noell			
25		REDWOOD CREEK	01/20/00	20:30	J. Courtois	10	0		01/23/00	12:31	J. Noell			
30	30	REDWOOD CREEK	01/11/00	15:30	J. Courtois	47.7	0	Hach Cell	01/12/00	12:30	G. Holper	17.8	33.9	16.1
30	30	REDWOOD CREEK	01/15/00	11:00	JP	118	0	Hach Cell	01/18/00	15:00	G. Holper	18.1	36.8	18.7
30	30	REDWOOD CREEK	01/16/00	01:15	J. Courtois	543	0	Hach Cell	01/18/00	15:00	G. Holper	18	37.9	19.9
30	30	REDWOOD CREEK	01/16/00	18:00	J. Courtois	57	0	Hach Cell	01/18/00	14:45	G. Holper	17.9	36.7	18.8
30	30	REDWOOD CREEK	01/17/00	18:00	J. Courtois	17.6	0	Hach Cell	01/18/00	15:45	G. Holper	18.1	38.7	20.6
62		REDWOOD CREEK	02/17/00	09:30	J. Courtois	12.5	0	Hach Cell	03/02/00	15:00	G. Holper			
62		REDWOOD CREEK	02/18/00	09:30	J. Courtois	5.91	0	Hach Cell	03/02/00	15:00	G. Holper			
62	93	REDWOOD CREEK	02/19/00	09:30	J. Courtois	6.34	0	Hach Cell	03/02/00	15:00	G. Holper	17.9	36.2	18.3
62	93	REDWOOD CREEK	02/26/00	10:30	J. Courtois	12.7	0	Hach Cell	03/02/00	15:00	G. Holper	225.9	241.7	15.8
62	93	REDWOOD CREEK	02/26/00	17:45	J. Courtois	44.9	0	Hach Cell	03/02/00	15:00	G. Holper	224.9	241.9	17
62	93	REDWOOD CREEK	02/27/00	09:30	J. Courtois	46.2	0	Hach Cell	03/02/00	15:00	G. Holper	238.3	253.7	15.4
62	93	REDWOOD CREEK	02/27/00	16:00	J. Courtois	17.8	0	Hach Cell	03/02/00	15:00	G. Holper	238.3	256.3	18
62	93	REDWOOD CREEK	02/29/00	08:30	J. Courtois	15.9	0	Hach Cell	03/02/00	15:00	G. Holper	237.4	254	16.6
79		REDWOOD CREEK	03/03/00	18:45	J. Courtois	10.6	0	Hach Cell	03/29/00	16:30	G. Holper			
79		REDWOOD CREEK	03/04/00	12:30	J. Courtois	5.46	0	Hach Cell	03/29/00	16:30	G. Holper			
79		REDWOOD CREEK	03/04/00	19:00	J. Courtois	36.1	0	Hach Cell	03/29/00	16:30	G. Holper			
79		REDWOOD CREEK	03/05/00	19:15	J. Courtois	5.77	0	Hach Cell	03/29/00	16:30	G. Holper			
79		REDWOOD CREEK	03/07/00	09:00	J. Courtois	3.95	0	Hach Cell	03/29/00	16:30	G. Holper			
79		REDWOOD CREEK	03/09/00	09:15	J. Courtois	18.1	0	Hach Cell	03/29/00	16:30	G. Holper			
80		REDWOOD CREEK	03/14/00	09:30	J. Courtois	4.58	0	Hach Cell	03/29/00	16:30	G. Holper			
80		REDWOOD CREEK	03/15/00	20:00	J. Courtois	3	0	Hach Cell	03/29/00	16:00	G. Holper			
80		REDWOOD CREEK	03/14/00	21:45	J. Courtois	2.2	0	Hach Cell	03/29/00	NS	G. Holper			
80		REDWOOD CREEK	03/20/00	19:00	J. Courtois	2.05	0	Hach Cell	03/29/00	NS	G. Holper			

Redwood Creek - S. Fork Eel												
Humboldt County, California												
Hydrologic Year 00												
Grab Sampling: Turbidity / Suspended Sediment Data - provisional												
Salmon Forever / Sunny Brae Sediment Lab												
Filter	Filter	Initial Filter	Final Filter	Sediment	Lab	Total	Raw	Stage	Vel. Str.	Vel.	Vel.	Comments
Total	ID	Weight g	Weight g	Wt. Gr.	Code	Mg/L	Stage		hi or lo	dist.	sec.	
							1.9					
							2.5					
							1.7					
							2.9					
1	1	460	0.11258	0.11309	0.00051	0	31.7					
1	1	461	0.11103	0.11326	0.00223	0	119.3					
1	1	462	0.11205	0.11322	0.00117	0	58.8					
1	1	466	0.10691	0.11721	0.0103	0	548.1					
1	1	463	0.11029	0.11085	0.00056	0	27.2					
					0		2'3"					
							1'8"					
1	1	1511	0.12694	0.12722	0.00028	0	15.3	1'7"				
1	1	1512	0.11959	0.12043	0.00084	0	53.2	2'7"				
1	1	1513	0.12556	0.12692	0.00136	0	80.0	2'8"				
1	1	1514	0.12237	0.12362	0.00125	0	81.2	3'8"				
1	1	1515	0.12009	0.12074	0.00065	0	36.1	3'5"				
1	1	1516	0.12289	0.12332	0.00043	0	25.9	2'9"				
							1'7"					
							1'7"					
							1'10"					
							1'5"					
							1'4"					
							1'5"					
							1'3"					
							1'2"					
							11"					
							11"					

Sign in page #	Datasheet #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Date run	Turbidity Time run	Turbidity By	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.
Seely Bridge - S. Fork Eel River														
Compiled by E. Nyman and C. Fenton														
Humboldt County, California														
Hydrologic Year 00														
Grab Sampling: Turbidity / Suspended Sediment Data - provisional														
Salmon Forever / Sunny Brae Sediment Lab														
7		SEELY BRIDGE	11/16/99	16:30		112	0	Hach Cell	12/04/99	13:30	M. Anderson			
7		SEELY BRIDGE	11/19/99	12:00		144	0	Hach Cell	12/04/99	13:32	M. Anderson			
58		SEELY BRIDGE	03/04/00	17:17	J. Noell	43.7		2X6	03/05/00	14:15	J. Noell			

Seely Bridge - S. Fork Eel River														
Humboldt County, California														
Hydrologic Year 00														
Grab Sampling: Turbidity / Suspended Sediment Data - provisional														
Salmon Forever / Sunny Brae Sediment Lab														
Filter	Filter	Initial Filter	Final Filter	Sediment	Lab	Sand Fr.	Total	Raw	Stage	Discharge	Vel. Str.	Vel.	Vel.	Comments
Total	ID	Weight g	Weight g	Wt.	Code	Mg/L	Mg/L	Stage		CFS	hi or lo	dist.	sec.	
								12'9"						

													Jim Koch's Creek - S. Fork EelRiver			
Compiled by E. Nyman													Humboldt County, California			
Checked By C. Fenton													Hydrologic Year 00			
													Grab Sampling: Turbidity / Suspended Sediment Data - provisional			
NS=Not Stated													Salmon Forever / Sunny Brae Sediment Lab			
Sign in page #	Datasheet #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Date run	Turbidity Time run	Turbidity By	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total	Filter ID
46	95	JIM KOCH'S	2/11/00	16:45	VB	77.3	0	Hach Cell	2/12/00	17:30	NS	18.0	37.5	19.5	1 1	1568
46	95	JIM KOCH'S	2/13/00	15:30	VB	88.6	0	Hach Cell	2/14/00	17:40	NS	18.1	37.7	19.6	1 1	1569
46	95	JIM KOCH'S	2/13/00	20:30	VB	760	0	Hach Cell	2/14/00	17:40	NS	18.0	37.8	19.8	1 1	1570
46	95	JIM KOCH'S	2/14/00	18:30	VB	67.5	0	Hach Cell	2/29/00	22:52	NS	17.9	37.7	19.8	1 1	1571

Initial Filter Weight g	Final Filter Weight g	Sediment Wt.	Lab Code	Total Mg/L	Raw Stage	Stage	Discharge CFS	Vel. Str. hi or lo	Vel. dist.	Vel. sec.	Comments
0.11944	0.12058	0.00114	0	58.5	62"						
0.11835	0.12078	0.00243	0	124.0	59"						
0.12260	0.15615	0.03355	0	1696.2	58"						
0.12361	0.12579	0.00218	0	110.1	56"						

Junkyard / Seely Creek - S. Fork Eel River													Junkyard / Seely			
led by E. Nyman			Humboldt County, California										Humbo			
ed By C. Fenton			Hydrologic Year 00										Hy			
s=Not Stated			Grab Sampling: Turbidity / Suspended Sediment Data - provisional										Grab Sampling: Turbidity /			
Salmon Forever / Sunny Brae Sediment Lab													Salmon Foreve			
Sign in page #	Datasheet #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Date run	Turbidity Time run	Turbidity By	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total	Filter ID
6	11	JYS	11/29/99	22:45	G. Holper	148	0	Hach Cell	NS	NS	G. Holper	17.9	37.9	20	1 1	167
6	11	JYS	11/30/99	11:45	G. Holper	24	0	Hach Cell	11/30/99	11:15	G. Holper	17.9	36.8	18.9	1 1	170
6	11	JYS	11/30/99	16:45	G. Holper	496	0	Hach Cell	11/30/99	17:43	G. Holper	17.7	37.2	19.5	1 1	171
28	40	JYS	1/10/00	11:44	G. Holper	85.2	0	Hach Cell	01/10/00	12:13	G. Holper	18	37.8	19.8	1 1	572
28	40	JYS	1/11/00	12:15	G. Holper	95.2	0	Hach Cell	01/11/00	12:45	G. Holper	17.8	37.3	19.5	1 1	573
												17.9	36.3	18.4	1 1	574
28	40	JYS	1/13/00	10:39	G. Holper	54.4	0	Hach Cell	01/14/00	00:00	G. Holper	17.7	37	19.3	1 1	575
28	40	JYS	1/13/00	12:59	G. Holper	110	0	Hach Cell	01/13/00	01:25	G. Holper	18.2	37.6	19.4	1 1	576
28	40	JYS	1/14/00	13:45	G. Holper	185	0	Hach Cell	01/14/00	02:18	G. Holper	18.1	36.4	18.3	1 1	577
28	40	JYS	1/14/00	22:44	G. Holper	71.9	0	Hach Cell	01/29/00	13:30	C. Fenton	18.1	36.8	18.7	1 1	578
28	40	JYS	1/16/00	13:15	G. Holper	116	0	Hach Cell	01/16/00	19:00	G. Holper	18.1	36.8	18.7	1 1	579
28	40	JYS	1/19/00	14:37	G. Holper	102	0	Hach Cell	01/19/00	15:00	G. Holper	17.8	37.4	19.6	1 1	580
28	40	JYS	1/20/00	18:39	G. Holper	22.9	0	Hach Cell	01/21/00	12:51	G. Holper	18.1	36.1	18	1 1	581
28		JYS	1/24/00	11:45	G. Holper	33.3	0	Hach Cell	01/24/00	12:00	G. Holper					

Creek - S. Fork Eel River												
ndt County, California												
drologic Year 00												
Suspended Sediment Data - provisional												
/ Sunny Brae Sediment Lab												
Initial Filter Weight g	Final Filter Weight g	Sediment Wt.	Lab Code	Sand Fr. Mg/L	Total Mg/L	Raw Stage	Stage	Discharge CFS	Vel. Str. hi or lo	Vel. dist. Ft.	Vel. sec.	Comments
0.10436	0.10736	0.003	0		150.0	15						
0.10741	0.10785	0.00044	0		23.3	156"				18	3.7	
0.10746	0.1175	0.01004	0		515.0	145"				18	3	
0.11154	0.11285	0.00131	0		66.2	165						
0.11421	0.11736	0.00315	0		161.6	152				18	1.99	
0.11004	0.11089	0.00085	0		46.2						2	
0.11208	0.11532	0.00324	0		167.9	149						
0.11009	0.11695	0.00686	0		353.7	140.5						
0.11059	0.11265	0.00206	0		112.6	143.5						
0.1109	0.11465	0.00375	0		200.6	149						
0.11377	0.11744	0.00367	0		196.3	156				18	2.56	
											2.44	
											2.25	
0.11338	0.11411	0.00073	0		37.2	151.5						
0.10964	0.11048	0.00084	0		46.7							

Misc. - S. Fork Eel River																
Compiled by E. Nyman							Humboldt County, California									
Checked By C. Fenton							Hydrologic Year 01									
NS=Not Stated							Grab Sampling: Turbidity / Suspended Sediment Data - provisional									
							Salmon Forever / Sunny Brae Sediment Lab									
Sign in page #	Datasheet #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Date run	Turbidity Time run	Turbidity By	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total	Filter ID
11		MILLS	1/2/00	16:20	J. Noell	1.16	0		1/3/00	10:03	J. Noell					
11	32	N.RD. PT 2	1/1/00	16:50	J. Noell	1000+	1	NS	1/3/00	10:08	J. Noell	17.8	36.3	18.5	1 1	486
11						1280	1	NS	2/6/00		P. Rhude			0		
11	32	N.RD. PT.3	1/1/00	17:06	J. Noell	1000+	1	NS	1/3/00	10:13	J. Noell	18.3	35.9	17.6	1 1	485
11								NS	2/6/00		P. Rhude			0		
11	25	N.RD.PT. 1	1/1/00	16:40	J. Noell	1000+	1	NS	1/3/00	10:22	J. Noell	18.5	31.7	13.2	1 1	352
11	32	N.RD.PT. 4	1/1/00	17:11	J. Noell	1000+	1	NS	1/3/00	10:26	J. Noell	18.2	36.9	18.7	1 1	487
11								NS	2/6/00		P. Rhude					
11		SUS CV	1/1/00	17:20	J. Noell	843	0	3X7	1/3/00	10:35	J. Noell					
11	96	SKYLINE	1/1/00	17:40	J. Noell	NS		3X7	3/5/00	14:36	J. Noell					
58	96	N.RD	3/4/00	15:43	J. Noell	837	0	3X7	3/5/00	14:35	J. Noell	50	254.5	204.5	1 2	1572
	96														2 2	1573
58	96	SEIGERTS CV	3/4/00	15:52	J. Noell	208	0	2X6	3/5/00	14:32	J. Noell	51.1	420.2	369.1	1 1	1574
58	96	SUSANS POND	3/4/00	15:02	J. Noell	970	0	2X6	3/5/00	14:18	J. Noell	21.5	155.4	133.9	1 2	1575
	96														2 2	1576
58	96	SUSANS CV	3/4/00	16:05	J. Noell	12.4	0	2X6	3/5/00	14:16	J. Noell	23.6	151.9	128.3	1 1	1577
58	96	SUSANS 2ND CV	3/4/00	16:10	J. Noell	122	0	2X6	3/5/00	14:13	J. Noell	23.7	180.3	156.6	1 1	1578
58	96	SKYLINE	3/4/00	16:35	J. Noell	42.7	0	2X6	3/5/00	14:15	J. Noell	21.9	209.3	187.4	1 1	1580

Misc. - S. Fork Eel River

Humboldt County, California

Hydrologic Year 01

Grab Sampling: Turbidity / Suspended Sediment Data - provisional

Salmon Forever / Sunny Brae Sediment Lab

Initial Filter Weight g	Final Filter Weight g	Sediment Wt.	Lab Code	Sand Fr. Mg/L	Total Mg/L	Raw Stage	Stage	Discharge CFS	Vel. Str. hi or lo	Vel. dist.	Vel. sec.	Comments
						2"						SEE PROCE AA SHEET
0.11259	0.12673	0.01414										DITCH RD RUNOFF 1 PT 10 SEC
		0										DITCH RD RUNOFF 1 PT 5SEC
0.11151	0.13029	0.01878										DITCH RD RUNOFF 1 PT 6 SEC
		0										DITCH RD RUNOFF 1 PT 10 SEC
0.10701	0.12503	0.01802										
0.11132	0.12473	0.01341										PLASITC BOTTLE 2.44 SECS/PINT
		0										
		0										
		0										
0.12452	0.13683	0.01231	0									5 GAL IN 19.8
0.11886	0.16986	0.051	0		309.6							
0.1226	0.12489	0.00229	0		6.2							5 GAL IN 2.97
0.12355	0.17309	0.04954	0									3" IN A 5 GAL BUCKET IN 20.04 SEC
0.12221	0.12533	0.00312	0		393.4							
0.12358	0.12405	0.00047	0		3.7							5 GAL IN 3.34 SEC
0.1185	0.12853	0.01003	0		64.1							5 GAL IN 17.95 SEC
0.12232	0.12865	0.00633	0		33.8	5"						

Briceland - S. Fork Eel River															
Compiled by E. Nyman				Humboldt County, California											
Checked By C. Fenton				Hydrologic Year 00											
Grab Sampling: Turbidity / Suspended Sediment Data - provisional															
NS=Not Stated															
Salmon Forever / Sunny Brae Sediment Lab															
Sign in page #	Datasheet #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Date run	Turbidity Time run	Turbidity By	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total
6	11	BRICELAND	11/10/99	09:15	J. Courtois	52.9	0	Hach Cell	11/10/99	09:15	J. Courtois	17.8	36.7	18.9	1 1
6	11	BRICELAND	11/10/99	23:15	J. Courtois	17.5	0	Hach Cell	11/10/99	23:15	J. Courtois	17.8	36.5	18.7	1 1
6	11	BRICELAND	11/15/99	05:30	J. Courtois	4.3	0	Hach Cell	11/14/99	05:30	J. Courtois	18	37.2	19.2	1 1
6	11	BRICELAND	11/16/99	08:30	J. Courtois	9.71	0	Hach Cell	11/16/99	08:30	J. Courtois	17.8	37.3	19.5	1 1
6	11	BRICELAND	11/18/99	08:30	J. Courtois	6.8	0	Hach Cell	12/04/99	13:05	MLA	18.3	36.9	18.6	1 1
6	11	BRICELAND	11/19/99		J. Courtois	38.1	0	Hach Cell	12/04/99	13:07	MLA	17.6	35.2	17.6	1 1
6	11	BRICELAND	11/30/99	01:30	J. Courtois	50.4	0	Hach Cell	11/30/99	01:30	J. Courtois	17.9	37.3	19.4	1 1
6	11	BRICELAND	11/30/99	20:30	J. Courtois	81.6	0	Hach Cell	11/30/99	20:30	J. Courtois	17.9	34.4	16.5	1 1
6	11	BRICELAND	12/01/99	09:30	J. Courtois	8.64	0	Hach Cell	12/01/99	09:30	J. Courtois	18	35.9	17.9	1 1
11	15	BRICELAND	12/09/99	09:30	J. Courtois	24.2	0	Hach Cell	NS	NS	G. Holper	17.8	37.5	19.7	1 1
11	15	BRICELAND	12/12/99	16:45	G. Holper	4.28	0	Hach Cell	01/16/00	12:15	P. Rhude	17.8	37	19.2	1 1
11	15	BRICELAND	12/13/99		G. Holper		0	Hach Cell				17.7	37.3	19.6	1 1
45	94	BRICELAND	01/23/00	11:30	J. Courtois	8	0	Hach Cell	01/30/00	NS	G. Holper	17.9	37.2	19.3	1 1
45	94	BRICELAND	01/23/00	18:00	J. Courtois	24.4	0	Hach Cell	01/30/00	NS	G. Holper	17.9	35.2	17.3	1 1
45	94	BRICELAND	01/24/00	08:30	J. Courtois	13	0	Hach Cell	01/30/00	NS	G. Holper	18	33	15	1 1
45	94	BRICELAND	01/25/00	10:00	J. Courtois	15	0	Hach Cell	01/30/00	NS	G. Holper	17.8	32.4	14.6	1 1
45	94	BRICELAND	01/26/00	08:00	J. Courtois	6.17	0	Hach Cell	01/30/00	NS	G. Holper	17.9	35.4	17.5	1 1
45	94	BRICELAND	01/27/00	20:00	J. Courtois	6.61	0	Hach Cell	01/30/00	NS	G. Holper	18	36.9	18.9	1 1
45	94	BRICELAND	01/29/00	20:00	J. Courtois	4.04	0	Hach Cell	02/07/00	15:00	G. Holper	18.1	36.2	18.1	1 1
45	94	BRICELAND	01/30/00	08:30	J. Courtois	101	0	Hach Cell	02/07/00	15:00	G. Holper	17.9	33.5	15.6	1 1
45	94	BRICELAND	01/31/00	20:30	J. Courtois	19.7	0	Hach Cell	02/07/00	15:00	G. Holper	18	32.5	14.5	1 1
45	94	BRICELAND	01/31/00	08:30	J. Courtois	17.7	0	Hach Cell	02/07/00	15:00	G. Holper	18	33.5	15.5	1 1
45	94	BRICELAND	02/01/00	19:15	J. Courtois	6.35	0	Hach Cell	02/07/00	15:00	G. Holper	18.1	34.8	16.7	1 1
45	94	BRICELAND	02/03/00	10:00	J. Courtois	23.3	0	Hach Cell	02/07/00	15:00	G. Holper	17.9	36.4	18.5	1 1
45	94	BRICELAND	02/03/00	20:00	J. Courtois	4.52	0	Hach Cell	02/07/00	15:00	G. Holper	18	35.8	17.8	1 1
45	94	BRICELAND	02/04/00	18:30	J. Courtois	4.57	0	Hach Cell	02/07/00	15:00	G. Holper	18	35.9	17.9	1 1
45	94	BRICELAND	02/05/00	11:00	J. Courtois	20.3	0	Hach Cell	02/07/00	15:00	G. Holper	18	34.1	16.1	1 1
45	94	BRICELAND	02/06/00	14:30	J. Courtois	5.02	0	Hach Cell	02/07/00	15:00	G. Holper	18	32.9	14.9	1 1
45	94	BRICELAND	02/07/00	09:30	J. Courtois	3.2	0	Hach Cell	02/17/00	17:30	G. Holper	17.8	31.8	14	1 1
45	94	BRICELAND	02/10/00	10:00	J. Courtois	11.4	0	Hach Cell	02/17/00	17:30	G. Holper	18.2	34	15.8	1 1

Briceland - S. Fork Eel River												
Humboldt County, California												
Hydrologic Year 00												
Grab Sampling: Turbidity / Suspended Sediment Data - provisional												
Salmon Forever / Sunny Brae Sediment Lab												
Filter ID	Initial Filter Weight g	Final Filter Weight g	Sediment Wt.	Lab Code	Total Mg/L	Raw Stage	Stage	Discharge CFS	Vel. Str. hi or lo	Vel. dist.	Vel. sec.	Comments
155	0.10698	0.10771	0.00073	0	38.6							
156	0.10659	0.10688	0.00029	0	15.5							
162	0.10782	0.10784	0.00002	0	1.0							
163	0.10653	0.10672	0.00019	0	9.7							
164	0.10391	0.10401	0.00010	0	5.4							
165	0.10733	0.10773	0.00040	0	22.7							
172	0.10644	0.10703	0.00059	0	30.4							
173	0.10429	0.10543	0.00114	0	69.1							
174	0.10481	0.10494	0.00013	0	7.3							
220	0.10526	0.1062	0.00094	0	47.7							
221	0.10613	0.10626	0.00013	0	6.8							
222	0.10614	0.11071	0.00457	0	233.2							
1532	0.12517	0.12522	0.00005	0	2.6	1'11"						
1533	0.12242	0.12278	0.00036	0	20.8	1'10.5"						
1534	0.11809	0.11827	0.00018	0	12.0	2'2"						
1535	0.12354	0.12384	0.00030	0	20.5	2'2"						
1536	0.12274	0.12262	-0.00012	1	-6.9	2'2"						
1537	0.1238	0.12377	-0.00003	1	-1.6	1'10"						
1538	0.11909	0.1191	0.00001	0	0.6	1'5"						
1539	0.12197	0.12285	0.00088	0	56.4	1'9"						
1540	0.12314	0.12327	0.00013	0	9.0	2'1.5"						
1541	0.12425	0.12448	0.00023	0	14.8	2'0"						
1542	0.11964	0.11957	-0.00007	1	-4.2	2'1"						
1543	0.12531	0.12512	-0.00019	1	-10.3	1'7"						
1544	0.12296	0.12316	0.00020	0	11.2	2'2"						
1545	0.12574	0.12565	-0.00009	1	-5.0	1'9"						
1547	0.12422	0.1243	0.00008	0	5.0	1'9"						FILTER 1546 DISCARDED
1548	0.12354	0.12333	-0.00021	1	-14.1	1'7"						
1549	0.12409	0.12397	-0.00012	1	-8.6	1'7"						
1550	0.11844	0.11836	-0.00008	1	-5.1	1'4"						

45	94	BRICELAND	02/13/00	17:45	J. Courtois	34	0	Hach Cell	02/17/00	17:30	C. Fenton	17.9	36.9	19	1 1
45	95	BRICELAND	02/14/00	09:15	J. Courtois	217	0	Hach Cell	02/17/00	17:30	G. Holper	17.9	35.5	17.6	1 1
46	95	BRICELAND	02/14/00	18:30	J. Courtois	200	0	Hach Cell	02/17/00	17:30	G. Holper	18.2	32.1	13.9	1 1
46	95	BRICELAND	02/15/00	08:45	J. Courtois	31.9	0	Hach Cell	NS	NS	G. Holper	18	31.8	13.8	1 1
79		BRICELAND	01/21/00	19:45	J. Courtois	8.12	0	Hach Cell	02/27/00	14:45	G. Holper				
79		BRICELAND	01/22/00	10:30	J. Courtois	38.8	0	Hach Cell	02/27/00	14:48	G. Holper				

1551	0.12311	0.12494	0.00183	0	96.3	2'6"						
1552	0.11745	0.12355	0.00610	0	346.7	4'9"						
1553	0.12343	0.12683	0.00340	0	244.6	3'10"					LO VOL	
1554	0.12384	0.12443	0.00059	0	42.8	3'10"					LO VOL	

SPC#A - S. Fork Eel River

Compiled by E. Nyman

Humboldt County, California

Checked By C. Fenton

Hydrologic Year 00

NS=Not Stated

Grab Sampling: Turbidity / Suspended Sediment Data - provisional

Salmon Forever / Sunny Brae Sediment Lab

Sign in page #	Datasheet #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Date run	Turbidity Time run	Turbidity By	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total	Filter ID
6	11	SPC #A	11/14/99	21:45	RK	20.5	0	Hach Cell	12/4/99	12:37	MLA	18	38.1	02:24	1 1	158
6	11	SPC #A	11/15/99	12:30	MW	8.74	0	Hach Cell	12/4/99	12:39	MLA	17.9	38.4	12:00	1 1	159
6	11	SPC #A	11/16/99	14:00	MW	212	0	Hach Cell	12/4/99	12:42	MLA	18.5	38.5	00:00	1 1	160
30	29	SPC #A	01/11/00	15:25	HH	20.4	0	Hach Cell	1/19/00	20:00	NS	17.9	36.7	19:12	1 1	466
30	29	SPC #A	01/18/00	13:45	HH	10.3	0	Hach Cell	1/19/00	20:00	NS	18.2	37.8	14:24	1 1	465

SPC#A - S. Fork Eel River

Humboldt County, California

Hydrologic Year 00

Grab Sampling: Turbidity / Suspended Sediment Data - provisional

Salmon Forever / Sunny Brae Sediment Lab

Initial Filter Weight g	Final Filter Weight g	Sediment Wt.	Lab Code	Sand Fr. Mg/L	Total Mg/L	Raw Stage	Stage	Discharge CFS	Vel. Str. hi or lo	Vel. dist. Ft.	Vel. sec.	Vel (ft/s)	Comments
0.10718	0.10748	0.00030	0		14.9	1"				100	20	5	
0.10471	0.10490	0.00019	0		9.3	.5"				35	20		
0.10523	0.10772	0.00249	0		124.5	2.75"				8	20		
0.10691	0.11721	0.01030	0		548.1								
0.11181	0.11188	0.00007	0		3.6								

Bill's Hill - S. Fork Eel River

Compiled by E. Nyman

Humboldt County, California

Checked By C. Fenton

Hydrologic Year 00

NS=Not Stated

Grab Sampling: Turbidity / Suspended Sediment Data - provisional

Salmon Forever / Sunny Brae Sediment Lab

Sign in page #	Datasheet #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Date run	Turbidity Time run	Turbidity By	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total
7		BILLS HILL	11/29/99	22:15	G. Holper	227	0	Hach Cell	11/29/99	22:15	G. Holper				
7		BILLS HILL	11/30/99	11:36	G. Holper	29.5	0	Hach Cell	11/30/99	11:36	G. Holper				
7		BILLS HILL	11/30/99	17:05	G. Holper	185	0	Hach Cell	11/30/99	17:05	G. Holper				
11	15	BILLS HILL	12/06/99	15:26	G. Holper	13.5	0	Hach Cell	01/16/00	11:34	G. Holper	18	36.5	18.5	1 1
11	15	BILLS HILL	12/09/99	13:40	G. Holper	29.6	0	Hach Cell	01/16/00	11:54	G. Holper	17.9	35	17.1	1 1
29		BILLS HILL	01/10/00	11:20	G. Holper	33.1	0	Hach Cell	01/10/00	12:17	G. Holper				
29		BILLS HILL	01/11/00	11:20	G. Holper	64.2	0	Hach Cell	01/11/00	12:45	G. Holper				
29		BILLS HILL	01/13/00	12:08	G. Holper	98.4	0	Hach Cell	01/13/00	13:26	G. Holper				
29		BILLS HILL	01/13/00	13:08	G. Holper	139	0	Hach Cell	01/14/00	14:14	G. Holper				
29		BILLS HILL	01/13/00	23:30	G. Holper	58.2	0	Hach Cell	01/14/00	14:15	G. Holper				
29		BILLS HILL	01/14/00	23:05	G. Holper	47.9	0	Hach Cell	01/14/00	18:30	G. Holper				
29		BILLS HILL	01/15/00	22:50	G. Holper	284	0	Hach Cell	01/16/00	19:00	G. Holper				
29		BILLS HILL	01/16/00	22:28	G. Holper	71.6	0	Hach Cell	01/16/00	19:00	G. Holper				
29		BILLS HILL	01/19/00	13:17	G. Holper	97.7	0	Hach Cell	01/19/00	15:03	G. Holper				
29		BILLS HILL	01/20/00	18:20	G. Holper	18.4	0	Hach Cell	01/21/00	12:57	G. Holper				
29		BILLS HILL	01/24/00	11:26	G. Holper	24	0	Hach Cell	01/24/00	12:00	G. Holper				
46	1 - HY01	BILLS HILL	01/30/00	10:30	G. Holper	43.7	0	Hach Cell	01/30/00	14:00	G. Holper	18.2	37.9	19.7	1 1
46	1 - HY01	BILLS HILL	01/31/00	13:25	G. Holper	81.2	0	Hach Cell	01/31/00	14:10	G. Holper	18	37.5	19.5	1 1
46		BILLS HILL	02/05/00	12:05	G. Holper	57.1	0	Hach Cell	02/05/00		G. Holper				
46	1 - HY01	BILLS HILL	02/13/00	13:00	G. Holper	38.7	0	Hach Cell	02/14/00	18:00	G. Holper	18.1	37.1	19	1 1
46	1 - HY01	BILLS HILL	02/13/00	22:21	G. Holper	1000+	0	Hach Cell	02/14/00	18:00	G. Holper	18.4	37.8	19.4	1 1
46		BILLS HILL	02/14/00	14:55	G. Holper		0	Hach Cell			G. Holper				
63	94	BILLS HILL	02/24/00	12:35	G. Holper	31.3	0	Hach Cell	02/24/00	13:15	G. Holper	17.9	36.3	18.4	1 1
63	94	BILLS HILL	02/26/00	19:48	G. Holper	192	0	Hach Cell	02/28/00	15:15	G. Holper	17.8	37.1	19.3	1 1
63	94	BILLS HILL	02/27/00	12:21	G. Holper	211	0	Hach Cell	02/28/00	15:15	G. Holper	18.4	37	18.6	1 1
63	94	BILLS HILL	02/28/00	17:17	G. Holper	15.6	0	Hach Cell	03/02/00	NS	G. Holper	18.2	38.6	20.4	1 1
79		BILLS HILL	03/08/00	14:37	G. Holper	11.2	0	Hach Cell	03/11/00	13:35	G. Holper				
80		BILLS HILL	04/16/00	19:04	G. Holper	59.4	0	Hach Cell	NS	NS	G. Holper				

Amos - Seely Creek - S. Fork Eel River

Compiled by E. Nyman

Humboldt County, California

Checked By C. Fenton

Hydrologic Year 00

NS=Not Stated

Grab Sampling: Turbidity / Suspended Sediment Data - provisional

Salmon Forever / Sunny Brae Sediment Lab

Sign in page #	Datasheet #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Date run	Turbidity Time run	Turbidity By	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total
7	11	AMOS/Seely	11/29/99	22:00	G. Holper	111	0	Hach Cell	11/29/99	22:00	G. Holper	17.9	36.2	18.3	1 1
7	11	AMOS/Seely	11/30/99	11:30	G. Holper	13.4	0	Hach Cell	11/30/99	11:30	G. Holper	18.4	37.7	19.3	1 1
7	11	AMOS/Seely	11/30/99	11:30	G. Holper	26.8	0	Hach Cell	11/30/99	17:17	G. Holper	18	37.3	19.3	1 1
11	15	AMOS/Seely	12/06/99	15:20	G. Holper	38.2	0	Hach Cell	01/16/00	11:30	G. Holper	18	36	18	1 1
11	15	AMOS/Seely	12/09/99	13:30	G. Holper	8.38	0	Hach Cell	01/16/00	11:41	G. Holper	17.8	36.4	18.6	1 1
29	42	AMOS/Seely	01/11/00	11:49	G. Holper	25.1	0	Hach Cell	01/11/00	12:44	G. Holper	17.8	36.8	19	1 1
29	42	AMOS/Seely	01/13/00	11:50	G. Holper	18.9	0	Hach Cell	01/13/00	01:27	G. Holper	18.5	36.8	18.3	1 1
29	42	AMOS/Seely	01/13/00	23:34	G. Holper	28.9	0	Hach Cell	01/14/00	14:17	G. Holper	18.2	36.5	18.3	1 1
29	42	AMOS/Seely	01/14/00	12:54	G. Holper	51.2	0	Hach Cell	01/14/00	14:16	G. Holper	18.1	36.5	18.4	1 1
29	42	AMOS/Seely	01/19/00	13:06	G. Holper	15.2	0	Hach Cell	01/19/00	NS	G. Holper	17.8	35.8	18	1 1
29	42	AMOS/Seely	01/20/00	18:06	G. Holper	8.46	0	Hach Cell	01/21/00	12:57	G. Holper	18	37.1	19.1	1 1
29	44	AMOS/Seely	01/24/00	11:00	G. Holper	8.62	0	Hach Cell	01/24/00	12:00	G. Holper	17.9	36.9	19	1 1
29	44	AMOS/Seely	01/16/00	12:30	G. Holper	20	0	Hach Cell	01/16/00	19:00	G. Holper	18	36.1	18.1	1 1
46	2-HY01	AMOS/Seely	01/30/00	10:20	G. Holper	8.99	0	Hach Cell	01/30/00	14:00	G. Holper	17.8	36	18.2	1 1
46	2-HY01	AMOS/Seely	01/31/00	16:40	G. Holper	9.3	0	Hach Cell	01/31/00	14:13	G. Holper	18	37.8	19.8	1 1
46	2-HY01	AMOS/Seely	01/31/00	13:12	G. Holper	16.2	0	Hach Cell	01/31/00	14:10	G. Holper	18	37	19	1 1
46	2-HY01	AMOS/Seely	02/15/00	12:00	G. Holper	7.95	0	Hach Cell	02/5/00	NS	G. Holper	18.1	37.4	19.3	1 1
46	2-HY01	AMOS/Seely	02/13/00	22:30	G. Holper	265	0	Hach Cell	02/14/00	18:00	G. Holper	18.2	38	19.8	1 1
46	2-HY01	AMOS/Seely	02/15/00	20:00	G. Holper	38.1	0	Hach Cell	NS		G. Holper	17.9	33.8	15.9	1 1
46	2-HY01	AMOS/Seely	02/13/00	12:55	G. Holper	26.4	0	Hach Cell	02/14/00	18:00	G. Holper	18	37.2	19.2	1 1
46		AMOS/Seely	02/14/00	14:55	G. Holper	NS	0	Hach Cell	NS	NS	G. Holper			0	1 1
62	94	AMOS/Seely	02/24/00	12:20	G. Holper	8.25	0	Hach Cell	02/24/00	13:15	G. Holper	18.2	35.8	17.6	1 1
63	94	AMOS/Seely	02/26/00	20:23	G. Holper	134	0	Hach Cell	02/28/00	15:15	G. Holper	18.1	37	18.9	1 1
63	94	AMOS/Seely	02/27/00	12:10	G. Holper	213	0	Hach Cell	02/28/00	15:15	G. Holper	17.9	34.9	17	1 1
79		AMOS/Seely	03/09/00	11:45	G. Holper	8.49	0	Hach Cell	03/11/00	13:35	G. Holper				
79		AMOS/Seely	03/09/00	14:37	G. Holper	11.2	0	Hach Cell	03/11/00	13:35	G. Holper				

Amos Seely - S. Fork Eel River

Humboldt County, California

Hydrologic Year 00

Grab Sampling: Turbidity / Suspended Sediment Data - provisional

Salmon Forever / Sunny Brae Sediment Lab

Filter ID	Initial Filter Weight g	Final Filter Weight g	Sediment Wt.	Lab Code	Sand Fr. Mg/L	Total Mg/L	Raw Stage	Stage	Discharge CFS	Vel. Str. hi or lo	Vel. dist.	Vel. sec.	Comments
166	0.10747	0.10814	0.00067	0		36.6	2"						
168	0.10481	0.10499	0.00018	0		9.3	1.5"						
169	0.10653	0.107	0.00047	0		24.4	3"						
215	0.1064	0.10688	0.00048	0		26.7							
218	0.1041	0.10417	0.00007	0		3.8							
601	0.11159	0.11213	0.00054	0		28.4	2"						
602	0.11413	0.11444	0.00031	0		16.9	1.5"						
603	0.11638	0.11698	0.00060	0		32.8	1"						
604	0.11567	0.11871	0.00304	0		165.2	3"						
605	0.11526	0.11549	0.00023	0		12.8	1.5"						
606	0.11149	0.11156	0.00007	0		3.7							
627	0.11576	0.11598	0.00022	0		11.6	1"						
626	0.11585	0.11624	0.00039	0		21.5							
12	0.11206	0.11212	0.00006	6		3.3	47"						
13	0.11501	0.11515	0.00014	6		7.1	46.5"						
14	0.11408	0.11445	0.00037	6		19.5	46.5"						
16	0.11307	0.11315	0.00008	6		4.1	47"						
17	0.11459	0.13089	0.01630	0		823.7	40"						
18	0.11248	0.11286	0.00038	0		23.9							
15	0.11436	0.11663	0.00227	6		118.2	46"						
			0.00000			#DIV/0!	43.75"						
1522	0.12473	0.12459	-0.00014	1		-8.0							
1523	0.1239	0.13441	0.01051	0		556.3	32"						
1524	0.12347	0.13458	0.01111	0		653.8							
							47"						

Filter ID	Initial Filter Weight g	Final Filter Weight g	Sediment Wt.	Lab Code	Sand Fr. Mg/L	Total Mg/L	Raw Stage	Stage	Discharge CFS	Vel. Str. hi or lo	Vel. dist.	Vel. sec.	Comments
217	0.10513	0.10625	0.00112	0		57.1							
220	0.10526	0.10602	0.00076	0		38.8							
353	0.10572	0.10608	0.00036	0		20.6							
2	0.11596	0.20102	0.08506	0		4419.4	151"						
4	0.11368	0.11153	0.00162	0		83.9	119						
3	0.10077	0.10242	0.00165	0		84.2	151.5						
5	0.11311	0.11485	0.00174	0		89.2	148						
1	0.11117	0.11282	0.00112	0		57.4	146						
6	0.11521	0.11686	0.00165	0		87.8	153						
20	0.11219	0.26292	0.15073	6		1910.2							
1517	0.12472		-0.12472	0		-6338.2							
1518	0.1182	0.14261	0.02441	0		1454.3	132						
1519	0.12419	0.13254	0.00835	0		441.9	135						
1520	0.11262	0.12327	0.01065	0		605.3	153						
							157						
							153						
							160						

Graham Gulch (GG)																
Freshwater Creek / Humboldt County, California																
Hydrologic Year 00																
Culvert at Pacific Lumber Camp Road (4J070)																
Compiled by L.Gagnon and C. Fenton																
Grab Sampling: Turbidity / Suspended Sediment Data -provisional																
Salmon Forever / Sunny Brae Sediment Lab																
sign in	Data	Location	Date	Time	Type	Tare Bottle	Total Bottle	Volume/	Filter	Filter	Initial Filter	Final Filter	Sediment	Lab	Tur.	FTU
page #	Sheet #	Sampled	Sampled	Sampled		Weight g	Weight g	Bottle Wt.	Total	ID	Weight g	Weight g	Wt.	Code	Code	Turbidity
1		GG	01/21/03	10:45	2 x 6 p.b.	24.4	212.6	188.2	1 1	28	0.10983	0.14875	0.03892	0	0	66.7
73		GG	05/21/03		algae										6	106
1		GG	10/28/03	17:38	H	17.8	36.1	18.3	1 1	77	0.1173	0.11751	0.00021	0	0	7.17
4		GG	11/30/03	22:00	H										0	146
????		GG-J	11/30/03	23:00	H	17.6	37	19.4	1 1	114	0.11614	0.11834	0.00220	0	0	146
5		GG	12/01/03	18:22	H	18.1	37.2	19.1	1 1	119	0.11642	0.11827	0.00185	0	0	122
5		GG	11/31/99	10:10	H	18	37.6	19.6	1 1	134	0.10808	0.10796	-0.00012	2	0	48.7
14		GG	01/12/04	15:52	DIS	371.1	631.3	260.2	1 1	253	0.11048	0.16419	0.05371	0	0	171
13		GG	01/12/04	16:34	DIS	367.8	554.4	186.6	1 1	255	0.10982	0.16398	0.05416	0	0	149
13		GG	01/12/04	16:34	Hach Cell	18.2	36.4	18.2	1 1	264	0.1098	0.11378	0.00398	0	0	158
18		GG	01/14/04	10:36	Hach Cell	18.1	35.7	17.6	1 1	474	0.11091	0.11148	0.00057	0	0	58.2
23		GG	01/22/04	15:52	Hach Cell	18	35.7	17.7	1 1	571	0.11232	0.11311	0.00079	0	0	98
44	88	GG	02/15/04	11:33	2 x 7 p	49.9	432.3	382.4	1 5	1372	0.12157	0.47857	0.35700	0	0	992
									2 5	1373	0.12594	0.18199	0.05605	0		
									3 5	1374	0.12291	0.27318	0.15027	0		
									4 5	1375	0.12185	0.17926	0.05741	0		
									5 5	1376	0.12120	0.32072	0.19952	0		
52	88	GG	02/15/04	13:43	3 x 5 p	22.2	271.6	249.4	1 3	1377	0.12556	0.20647	0.08091	0	0	465
									2 3	1378	0.12056	0.20346	0.0829	0		
									3 3	1379	0.12355	0.18598	0.06243	0		
52	88	GG	02/15/04	13:57	DIS	369.1	683.4	314.3	1 4	1389	0.12348	0.34562	0.22214		0	520

Graham Gulch (GG)									
Freshwater Creek / Humboldt County, California									
Hydrologic Year 00									
Culvert at Pacific Lumber Camp Road (4J070)									
Grab Sampling: Turbidity / Suspended Sediment Data -provisional									
Salmon Forever / Sunny Brae Sediment Lab									
Stage / Discharge is rated as inches down from edge of culvert - edge of culvert 24" above top of metal pipe -									
MP 40.5" above ground surface -									
Total	Stage is measured as inches down from edge of culvert								
Sand Fr.	Mg/l	Date	Time	Stage	Discharge	vel. width	Velocity	Vel.	
Mg/L	PPM	Sampled			CFS	high or low	distance	time/sec	Comments
	206.83	01/21/03	10:45	57.5	19				6 sec river left, 6 sec @ center. 6.5 sec RR
		05/21/03							
	11.48	10/28/03	17:38			high	10'	6	water depth 4"
		11/30/03	22:00	52	32				4.35 feet to break in culvert edge crude xsection for discharge
	113.41	11/30/03	23:00						
	96.86	12/01/03	18:22	50.5"	37				increasing after falling for 2 hours data sheet has 48.7 FTU
	-6.12	11/31/99	10:10	50?	39				falling; no field form
	206.44	01/12/04	15:52	51"	35				falling; 280 cc; PPM data conflict(sheet has 282.0); peak stage 39" dn
	290.30	01/12/04	16:34	57"	20				falling; from culv. edge; 200 cc; sample taken with hach corr.; data sheet 158 NTU
	218.71	01/12/04	16:34	57"	20				falling; from culvert edge; hach correlate;
	32.39	01/14/04	10:36	61"	14	high	20?	5.43	falling
						high	20?	6.44	
						high	20?	4.83	
						low	20?	10.77	
	44.63	01/22/04	15:52			high	18'3"	5.48	12" deep from center of culvert; high velocity width 6'
						high	18'3"	5.09	
						high	18'3"	4.72	
						low	18'3"	7.84	low velocity width 3.5'
						low	18'3"	7.55	
						low	18'3"	11.57	
934.8	2147.90	02/15/04	11:33	35	157.16685	high	20"	2.67	falling; high velocity width 12'
						high	20"	3.18	
						low	20"	4.01	low velocity width 8'
324.6	907.70	02/15/04	13:43						no field form
707.4	1391.80	02/15/04							

									2 4	1390	0.12215	0.19136	0.06921			
									3 4	1391	0.12587	0.19392	0.06805			
									4 4	1392	0.12106	0.19872	0.07766			
52	88	GG	02/15/04	16:37	3 x 7 p	50.1	366.8	316.7	1 4	1384	0.12556	0.20422	0.07866	0	0	373
									2 4	1385	0.1221	0.17633	0.05423	0		
									3 4	1386	0.12248	0.17835	0.05587	0		
									4 4	1388	0.12275	0.16809	0.04534	0		
59		GG	02/15/04	16:41												
	89	GG	02/27/04	21:05	DI	367.2	583.2	216.0	1 3	1428	0.12224	0.17248	0.05024	0	0	237
									2 3	1429	0.12209	0.14706	0.02497	0		
									3 3	1430	0.12332	0.16419	0.04087	0		
64	88	GG	02/28/04	09:00	glass jar	375.4	986.3	610.9	1 1	1358	0.12161	0.15482	0.03321	0	0	50.2
55		GG	02/29/04	21:45	Hach Cell	18	36.6	18.6	1 1	917	0.1194	0.12045	0.00105	0	0	63
77		GG	05/11/04	20:03	DIS	368.5	618.4	249.9	1 2	1268	0.12502	0.12587	0.00085	0	0	57.2
								249.9	2 2	1269	0.1232	0.1327	0.00950	0		
77		GG	05/13/04	13:50	DIS	370.2	587	216.8	1 1	1276	0.12678	0.12861	0.00183	0	0	30.1

248.5	739.50	02/15/04	16:37	41	89	high	20	2.32	falling; high velocity width 12'										
						high	20	2.17	units on the field form are not specific										
						high	20	2.46											
						low	20	2.85	low velocity width 5										
						low	20	4.01											
						low	20	3.91											
		02/15/04	16:41	41	89	high	20	2.32	falling; high velocity width 12'										
						high	20	2.17	units on the field form are not specific										
						high	20	2.46											
						low	20	2.85	low velocity width 5										
						low	20	4.01											
						low	20	3.91											
232.7	537.60	02/27/04	21:05	54"	27				down										
	54.36	02/28/04	9:00	56.5"	21				from edge; jar #11										
	56.45	02/29/04	21:45						no field form										
	41.40	05/11/04	20:03	56"	22				falling										
	8.44	05/13/04	13:50	61"	14				falling										

Cloney Gulch(CL)																	
Freshwater Road(6F060) PM 37.99																	
Freshwater Creek, Humboldt County, California																	
Hydrologic Year 200																	
Grab Sampling: Turbidity / Suspended Sediment Data - provisional																	
Salmon Forever / Sunny Brae Sediment Lab																	
sign in	Data	Location	Date	Time	Type	Tare Bot.	Total Bot.	Total	Filter	Filter	Initial Filter	Final Filter	Sediment	Lab	Tur.	FTU	Sand Fr.
page #	Sheet #	Sampled	Sampled	Sampled	Container	Wt. g	Wt. g	Vol.	Total	ID	Weight g	Weight g	Wt.	Code	Code	Turbidity	Mg/L
1		CL	10/27/99	17:01	Hach Cell	17.9	35.4	17.5	1 1	76	0.11719	0.11731	0.00012	0	0	13.0	
4		CL	11/29/99	21:45	Hach Cell	17.9	37.8	19.9	1 1	112	0.11890	0.12200	0.00310	0	0	207.0	
5		CL	11/30/99	17:05	Hach Cell	18.4	37.6	19.2	1 1	115	0.11886	0.12160	0.00274	0	0	190.0	
5		CL	11/30/99	17:06	Hach Cell	18.0	37.3	19.3	1 1	116	0.11616	0.11882	0.00266	0	0	194.0	
5		CL	11/31/99	10:50	Hach Cell	18.3	37.7	19.4	1 1	135	0.10623	0.10604	-0.00019	2	0	53.8	
14	20	CL	01/11/00	15:26	DIS	369.4	587.8	218.4	1 2	251	0.10993	0.13899	0.02906	0	0	98.5	
								218.4	2 2	252	0.10893	0.11349	0.00456	0			
24	46	CL	01/13/00	10:08	2 X 9	54.8	503.4	448.6	1 1	784	0.11465	0.12052	0.00587	0	0	39.7	
24	46	CL	01/13/00	11:45	2 X 9	55.1	466.8	411.7	1 1	782	0.11527	0.11959	0.00432	0	0	39.7	
24	46	CL	01/13/00	13:34	2 X 9	55.1	487.7	432.6	1 1	783	0.11295	0.11659	0.00364	0	0	38.8	
24	46	CL	01/13/00	18:02	2 X 9	55.9	493	437.1	1 1	785	0.11162	0.11667	0.00505	0	0	41.0	
24	46	CL	01/14/00	14:25	2 X 9	55.3	490.2	434.9	1 2	786	0.1152	0.20827	0.09307	0	0	204.0	
									2 2	787	0.11344	0.19138	0.07794	0	0		
24	46	CL	01/14/00	15:52	2 X 9	55.3	500.3	445.0	1 2	788	0.11253	0.15726	0.04473	0	0	154.0	
									2 2	789	0.11554	0.20334	0.0878	0	0		
?????		CL	01/15/00	12:17	2 X 9	55.7	491.6	435.9	1 1	791	0.1169	0.11734	0.00044	0	0	30.8	
24	46	CL	01/15/00	17:04	2 X 9	55.6	503.7	448.1	1 1	790	0.11322	0.13213	0.01891	0	0	54.7	
35	66	CL	01/30/00	12:00	Hach Cell	17.9	35.7	17.8	1 1	945	0.11454	0.11612	0.00158	0	0	97.9	
37																	
64	87	CL	02/14/00	12:15	plastic	50.5	501.6	451.1	1 3	1347	0.12511	0.21947	0.09436	0	0	223.0	209.3
									2 3	1348	0.12080	0.20162	0.08082	0			
									3 3	1349	0.12466	0.1934	0.06874	0			
64	87	CL	02/14/00	13:15	plastic	50.3	502.1	451.8	1 4	1350	0.1223	0.18485	0.06255	0	0	279.0	208.9
									2 4	1351	0.12455	0.16224	0.03769	0			

Cloney Gulch(CL)								
Freshwater Road(6F060) PM 37.99								
Freshwater Creek, Humboldt County, California								
Hydrologic Year 200								
Grab Sampling: Turbidity / Suspended Sediment Data - provisional								
Salmon Forever / Sunny Brae Sediment Lab			Discharge from M.L. rating curve upstream staff plate 3-01					
			Stage is inches down from conc. form seam downstream wingwall RR					
Total Mg/L	Time Sampled	Raw Stage	Stage	Discharge CFS	vel. width hi or lo	Vel. dist.	Vel. time/sec	Comments
6.9	17:01	71.5 " from ceiling of culvert		0.5	high	10'	8.7	71.5 " from ceiling of culvert
155.8	21:45	S= 1.1'		121	high	10'	2.76	S= 1.1'
					low	10'	3.5	
142.7	17:05	4.13 below conc. form line	49.56	124				1 of 2; 4.13 below conc. form line of RR dnstream face of culvert emb.
137.8	17:06	1.1'		124				2 of 2; not of corresponding field form
-9.8	10:50	s=.38 up; down 3.80						s=.38 up; down 3.80; no field form Date does not exist
154.0	15:26	3'4"	40	112	high	15'	4.91	measured from below concrete line; 220cc Discharge from M.L.
					high	15'	5.02	
					low	15'	6.49	
13.1	10:08	1.10' upstream guage		12				bottle #11; data sheet has 2 X 7 bottle; no field form
		0.605' downstream guage						
10.5	11:45	1.12' upstream guage		12				bottle #6; data sheet has 2 X 7 bottle; no field form
		0.61' downstream guage						
8.4	13:34	1.09' upstream guage		12				bottle #82; data sheet has 2 X 7 bottle; no field form
		0.59' downstream guage						
11.6	18:02	1.07' upstream guage		11				bottle #48; data sheet has 2 X 7 bottle; no field form
		0.59' downstream guage						
393.3	14:25	2.74' upstream guage		189				bottle #17; data sheet has 2 X 7 bottle; no field form
		2.95' dnstream guage						
297.9	15:52	2.50' upstream guage		152				bottle #60; data sheet has 2 X 7 bottle; no field form
		from culvert outlet						
1.0	12:17			68				bot. #94; data sheet 2X7 bot.; no field form; field form date is 1/13/00
42.2	17:04	1.64' upstream guage		64				bottle #93; data sheet has 2 X 7 bottle; no field form
		1.29' downstream guage						
88.8	12:00		52	31			4.43	S= 45" culvert invert
						7'3"	3.93	
540.9	12:15			218				bottle #1; rising fast; data on sign in sheet unclear
463.2	13:15	3.19' upstream		231				bottle #2; rising slowly
	13:15	9" downstream						

									3 4	1352	0.1214	0.17493	0.05353	0			
									4 4	1353	0.12583	0.18129	0.05546	0			
64	87	CL	02/14/00	15:25	glass jar	50.3	500	449.7	1 4	1354	0.1225	0.19463	0.07213	0	0	287.0	n
									2 4	1355	0.12507	0.18042	0.05535	0			
									3 4	1356	0.12278	0.1756	0.05282	0			
									4 4	1357	0.12605	0.17585	0.04980	0			
64	88	CL	02/27/00	09:30	glass jar	350	973	623.0	1 1	1359	0.12546	0.15191	0.02645	0	0	50.1	
61		CL	02/28/00	18:36	DIS	367.8	574.9	207.1	1 1	1431	0.12286	0.13081	0.00795	0	0	51.6	
56	88	CL	02/29/00	10:50	2x7	45.1	420.7	375.6	1 1	1362	0.12221	0.15686	0.03465	0	0	86.7	
77		CL	05/10/00	20:07	gr/dis	382.4	572.4	190.0	1 1	1272	0.12627	0.13207	0.00580	0	0	65.6	
73		CL	05/20/00		algae										6	98.0	

511.8	15:25	3.20' upstream ? Downstream		233					bottle #3; stage dropping; data on sign in sheet unclear;				
42.5	9:30	?		43					jar #12; data in sign in sheet unclear				
38.4	18:36	46	46	49					falling; from concrete line				
92.3	10:50	34.75"	34.75	95					from crack to water				
30.5	20:07	45"	45	42					below form line in concrete - falling				

McCready Gulch(MC)																		
Hydrologic Year 2000																		
Box culvert at Freshwater Road(F6F060) PM 38.60																		
By L.Gagnon and C. Fenton																		
Humboldt County, California																		
Turbidity / Suspended Sediment Data - Grab Sampling - provisional																		
Salmon Forever / Sunny Brae Sediment Lab																		
Sign in	Data	Location	Date	Time	Type	Tare Bot.	Total Bot.	Volume/	Filter	Filter	Initial Filter	Final Filter	Sediment	Lab	Tur.	FTU	Sand	Total
page #	Sheet #	Sampled	Sampled	Sampled	Container	Wt. g	Wt. g	Bottle Wt.	Total	ID	Weight g	Weight g	Wt.	Code	Code	Turbidity	Fr.	Mg/L
73		MC	05/20/99												0	36.7		
1		MC	10/27/99	17:48	Hach Cell	17.7	35.9	18.2	1 1	78	0.11613	0.11629	0.00016	0	0	4.5		8.8
4		MC	11/29/99	19:20	Hach Cell	17.7	37.3	19.6	1 1	111	0.11607	0.12875	0.01268	0	0	723.0		647.2
			11/29/99	19:20														
			11/29/99	19:20														
4		MC	11/29/99	20:32	DIS	369.3	531.7	162.4	1 2	184	0.10625	0.17631	0.07006	0	0	381.0		431.5
			11/29/99	20:32				162.4	2 2	185	0.10591	0.10948	0.00357					22.0
12		MC	11/30/99	14:30	Hach Cell	18.0	37.9	19.9	1 1	213	0.10566	0.11032	0.00466	0	0	270.0		234.2
		MC	11/30/99	18:35														
12		MC	12/01/99	13:00	Hach Cell	17.7	35.4	17.7	1 1	214	0.10434	0.11632	0.01198	0	0	68.6		677.1
14		MC	01/02/00	15:12	DIS	376.5	552.4	175.9	1 1	250	0.11071	0.13017	0.01946	0	0	84.0		110.6
			01/02/00	15:12														
			01/02/00	15:12														
			01/02/00	15:12														
?		MC	01/13/00	10:22	Hach Cell		36.9	36.9	1 1	608	0.11227	0.11246	0.00019	0	0	30.4		5.1
			01/13/00	10:22														
			01/13/00	10:22														
			01/13/00	10:22														
24		MC	01/13/00	12:17	2 X 9										0	30.8		
24		MC	01/13/00	13:23	2 X 9	55.5	493.5	438.0	1 1	792	0.11641	0.12129	0.00488	0	0	26.8		11.1
			01/13/00	13:23														
24		MC	01/13/00	16:36	2 X 9	55.4	493.1	437.7	1 1	793	0.11278	0.11746	0.00468	0	0	29.3		10.7
			01/13/00	16:36														
24		MC	01/13/00	18:20	2 X 9	55.3	497	441.7	1 1	795	0.10986	0.11513	0.00527	0	0	28.7		11.9
			01/13/00	18:20														
24		MC	01/14/00	15:04	2 X 9	55.5	500.5	445.0	1 3	796	0.11502	0.26009	0.14507	0	0	171		326.1
			01/14/00	15:04				445.0	2 3	797	0.11372	0.18591	0.07219	0				162.2
			01/14/00	15:04				445.0	3 3	798	0.11256	0.11403	0.00147	0				3.3
24		MC	01/14/00	16:00	2 X 9	55.7	511.9	456.2	1 2	799	0.11164	0.1667	0.05506	0	0	157		120.7
			01/14/00	16:00				456.2	2 2	800	0.11584	0.17599	0.06015	0				131.9

McCready Gulch(MC)						
Hydrologic Year 2000			Top of metal pipe (MP) (crest stage gauge) 20.5" above cv invert (ceiling)			
Box culvert at Freshwater Road(F6F060) PM 38.60			Cv 166" wide			
Humboldt County, California			ceiling down to cv bottom variable with storm - 2-01 79" height from sed surface to ceiling			
Turbidity / Suspended Sediment Data - Grab Sampling - provisional						
Salmon Forever / Sunny Brae Sediment Lab						
Discharge from M. Lang 3-01 upstream staff plate rating curve						
Stage is measures as inches down from culvert invert (ceiling)						
Time	Raw	Stage	Discharge	vel. width	Velocity	Time
Sampled	Stage		CFS	high or low	distance	sec
						algae
17:48	staff plate 0.5		0.6			(wood baffle floor of culvert) possible CL
19:20			46	high	20'	5.5 field form has 19:25 for time
				high	20'	5.47
				high	20'	5.63 rising
20:32		24"	47			falling; milk bottle
14:30		4"	14			down from peak by wetted line on dry concrete inside culvert
18:35			42			4" below peak
13:00		7"	5.2			
15:12		8"	0.8	high	15'	5.11 200 cc
				high	15'	5.29
				high	15'	5.35
				low	15'	6.41
10:22		69	4.6	high	15'	4.12 not in sign in sheet
				high	15'	5.04
				high	15'	4.49
				low	15'	8.02
13:23	upstream guage 0.96'		4.3			bottle #94, sign in sheet has MC but suspect that the sample was run as CL filter # 791
	downstream guage 0.15'					bottle # 22; data sheet has 2 x 7 bottle; no field form
16:36	upstream guage 0.93'		4.2			bottle # 42; data sheet has 2 x 7 bottle; no field form
	downstream guage 0.13'					
18:20	upstream guage 0.93'		4.2			bottle # 14; data sheet has 2 x 7 bottle; no field form
	downstream guage 0.13'					
15:04	upstream guage 2.26'		69			bottle # 33; flow dropping; data sheet has 2 x 7 bottle; no field form
	downstream guage 2.78'					
16:00	2.16' @ recovery site		62			bottle # 2; data sheet has 2 x 7 bottle; fo field form
						grab sample @ weir

23		MC	01/21/00	15:09	Hach Cell	17.9	35.2	17.3	1 1	569	0.11514	0.11496	-0.00018	2	0	27		-10.4
			01/21/00	15:09														
			01/21/00	15:09														
			01/21/00	15:09														
			01/21/00	15:09														
35		MC	01/30/00	11:44	Hach Cell										0	69.9		
			01/30/00	11:44														
			01/30/00	11:44														
37		MC	01/30/00	11:44											0	65.7		
?		MC	01/30/00	11:45	H	18.1	36.2	18.1	1 1	944	0.11177	0.11279	0.00102	0	0	69.9		56.4
44	88	MC	02/14/00	11:24	3 x 7 p	33.5	262.8	229.3	1 1	1371	0.12455	0.18121	0.05666	0	0	175		247.1
52	88	MC	02/14/00	16:03	Glass DI	371.6	514.2	142.6	1 3	1381	0.12159	0.14828	0.02669	0	0	353	187.2	644.6
			02/14/00	16:03					2 3		0.1232	0.17188	0.04868	0				
			02/14/00	16:03					3 3		0.12181	0.13832	0.01651	0				
52		MC	02/14/00	16:03	3 x 5 p	23.9	144.1	120.2	1 1	1380	0.12573	0.18189	0.05616	0	0	327		467.4
			02/14/00	16:03														
			02/14/00	16:03														
59		MC	02/14/00	16:05														
	88	MC	02/27/00	10:25	gl. jar	366.9	1140	773.1	1 1	1360	0.12131	0.15255	0.03124	0	0	52.2		40.4
61		MC	02/28/00	15:18	DIS	376.2	618.4	242.2	1 1	1432	0.12111	0.12622	0.00511	0	0	37.9		21.1
56	88	MC	02/29/00	10:40	2.5 x 7	46.6	444.3	397.7	1 1	1361	0.12573	0.15494	0.02921	0	0	74.4		73.5
77		MC	05/10/00	20:13	gr/dis	367.8	605.8	238.0	1 1	1273	0.12262	0.12794	0.00532	0	0	52		22.4

15:09			5.5	high	10'	3.19	high velocity width 4.5'				
				high	10'	2.83					
				high	10'	2.92					
				low	10'	4.04	low velocity width 1.5'				
				low	10'	3.97					
				low	10'	4.16					
11:44			6.3	high	10'	3.62	high velocity width 5'11" crude crosssection				
				high	10'	3.29					
				high	10'	3.3					
11:44			6.3				stage, sec x' section, v- 3.30/ 5'11" This may be a double entry				
		38		high	15'	5.53	falling				
16:03		24"	84	high	15'	6.23	falling				
				high	15'	6.57					
				high	15'	6.87					
16:03		24"	84	high	15'	6.23	falling				
				high	15'	6.57					
				high	15'	6.87					
16:05							probable 16:03				
10:25	upstream gauge 1.32"		14				falling Jar #13				
15:18		64	13	high	15'	5.24	falling; from concrete ceiling; flow of 8"				
10:40		79.5"	23				to the top center of culvert				
20:13		68"					from culvert invert - falling - 6" culvert depth- drizzle				
							No discharge, downstream migrant trap installed				

FTR grab																	
Compiled by L.Gagnon and Clark Fenton					Humboldt County, California												
Freshwater Creek at 120 Pacific Lumber Camp Road																	
Hydrologic Year 2000																	
Grab Sampling: Turbidity / Suspended Sediment Data - provisional																	
Salmon Forever / Sunny Brae Sediment Lab																	
																Total	
Sign in page #	Loc. Sampled	Date Sampled	Time Sampled	Type Container	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total	Filter ID	Initial Filter Weight g	Final Filter Weight g	Sediment Wt.	Lab Code	Tur. Code	FTU Turbidity	Mg/l PPM	sand fraction
1	FTR	10/27/99	16:13	Hach Cell	17.6	36	18.4	1 1	79	0.11782	0.11781	-0.00001	2	0	3.31	-0.5	
4	FTR	11/19/99	17:04	Hach Cell	18.4	36.2	17.8	1 1	88	0.11603	0.11666	0.00063	0	0	9.85	35.4	
1	FTR	11/14/99	15:20	Hach Cell	18.5	36.8	18.3	1 1	130	0.10766	0.10743	-0.00023	2	0	0.61	-12.6	
1	FTR	11/14/99	15:30	Hach Cell	17.9	36.5	18.6	1 1	131					0	753		
1	FTR	11/14/99	15:40	Hach Cell	17.7	36.7	19.0	1 1	132					1	1500		
10	FTR	11/16/99	17:59	Hach Cell										0	86.9		
5	FTR	11/30/99	17:45	Hach Cell	17.9	37.9	20.0	1 1	117	0.11800	0.12281	0.00481	0	0	198	240.5	
5	FTR	11/30/99	17:54	Hach Cell	17.8	38.2	20.4	1 1	118	0.11551	0.11963	0.00412	0	0	192	202.0	
5	FTR	12/02/99	09:16	Hach Cell	17.7	37.2	19.5	1 1	136	0.11749	0.11738	-0.00011	2	0	28.6	-5.6	
8	FTR	12/07/99	09:30	Hach Cell	17.9	36.7	18.8	1 1	191	0.10548	0.10587	0.00039	0	0	22.2	20.7	
9	FTR	12/09/99	09:00	Hach Cell	18.2	34.1	15.9	1 1	192	0.10621	0.10692	0.00071	0	0	71.6	44.7	
9	FTR	12/13/99	09:13	Hach Cell	18.2	37.5	19.3	1 1	193	0.10665	0.10695	0.00030	0	0	43.4	15.5	
11	FTR	12/31/99	14:01	Hach Cell	18.0	38	20.0	1 1	224	0.10579	0.10572	-0.00007	2	0	2.25	-3.5	
12	FTR	01/10/00	17:46	Hach Cell	18.3	38.3	20.0	1 1	263	0.10896	0.10950	0.00054	0	0	16.2	27.0	
13	FTR	01/11/00	16:42	Hach Cell	18.1	37	18.9	1 1	265	0.11107	0.11629	0.00522	0	0	179	276.2	
13	FTR	01/11/00	18:12	Hach Cell	17.9	34.8	16.9	1 1	266	0.10935	0.11323	0.00388	0	0	156	229.6	
13	FTR	01/11/00	18:25	Hach Cell	18.2	38.9	20.7	1 1	272	0.10886	0.11195	0.00309	0	0	150	149.3	
13	FTR	01/11/00	19:31	Hach Cell	18.2	38.4	20.2	1 1	267	0.10937	0.11383	0.00446	0	0	147	220.8	
13	FTR	01/11/00	19:38	Hach Cell	18.0	35.6	17.6	1 1	268	0.11135	0.11469	0.00334	0	0	140	189.8	
13	FTR	01/11/00	19:48	Hach Cell	18.0	37.7	19.7	1 1	269	0.11012	0.11375	0.00363	0	0	139	184.3	
13	FTR	01/11/00	21:41	Hach Cell	18.2	37.8	19.6	1 1	273	0.10909	0.11184	0.00275	0	0	118	140.3	
13	FTR	01/11/00	21:52	Hach Cell	18.2	36.5	18.3	1 1	274	0.10972	0.11609	0.00637	0	0	115	348.2	
13	FTR	01/12/00	14:15	Hach Cell	17.9	34.4	16.5	1 1	275	0.11047	0.11095	0.00048	0	0	54.2	29.1	
18	FTR	01/13/00	10:56	Hach Cell	18.1	35.6	17.5	1 1	475	0.11178	0.11210	0.00032	0	0	33.3	18.3	
18	FTR	01/13/00	10:56	Hach Cell	18.0	36.9	18.9	1 1	476	0.11113	0.11140	0.00027	0	0	34.3	14.3	
21	FTR	01/14/00	11:30	3 x 8	60.6	888.6	828.0	1 11	771	0.11335	0.46460	0.35125	0	0	612	1135.1	424.3
					60.6	888.6	828.0	2 11	772	0.11247	0.13479	0.02232	0				
					60.6	888.6	828.0	3 11	773	0.11228	0.13932	0.02704	0				
					60.6	888.6	828.0	4 11	774	0.11612	0.14203	0.02591	0				

Time	Stage	Comments																		
Stage is measured at staff plate by boom																				
16:13	0.28	next to boom; field form has 16:31 as time																		
17:04		OBS-3 check																		
15:20		OBS-3 calib cells; distilled blank																		
15:30		discarded, cloudy white sediment, did not put in oven.																		
15:40		discarded, cloudy white sediment, did not put in oven.																		
17:59																				
17:45	2.1	Isco aux dump #6 bottle #2, correlate																		
17:54	2.1	check on FTR 17:45																		
09:16	0.94"	staff plate; aux match 06 FTR 03 correlate - 65.524 CFS																		
09:30		data sheet has as bottle unrecorded but sign in sheet has Hach; correlate with dump 07 bottle #2																		
09:00		correlate w/aux isco #6 dump#6																		
09:13	1.510'	correlate w dump 7 bottle #13																		
14:01		correlate with ISCO dump #8 bottle #4																		
17:46		correlate with dump 9 bottle #1																		
16:42	2.01	correlate DIS																		
18:12	1.94	correlate DIS																		
18:25	1.9	correlate w/DIS																		
19:31	1.85	aux; dump 10 bottle 1																		
19:38	1.88	correlate w/DIS and dump 10 bottle 2																		
19:48	1.88	correlate w/DIS																		
21:41	1.78	correlate w dump 10 bottle 3																		
21:52	1.78	correlate DIS																		
14:15		correlate dump 10 bottle 5																		
10:56	0.95	rising; BOOM-1																		
10:56	0.95	rising; BOOM-2																		
11:30		Joyce's Notes																		
11:30																				
11:30																				
11:30																				

					60.6	888.6	828.0	5 11	775	0.11213	0.13726	0.02513	0				
					60.6	888.6	828.0	6 11	776	0.11360	0.13432	0.02072	0				
					60.6	888.6	828.0	7 11	777	0.10961	0.13670	0.02709	0				
					60.6	888.6	828.0	8 11	778	0.11549	0.15950	0.04401	0				
					60.6	888.6	828.0	9 11	779	0.11409	0.15058	0.03649	0				
					60.6	888.6	828.0	10 11	780	0.11601	0.16456	0.04855	0				
					60.6	888.6	828.0	11 11	781	0.11018	0.42084	0.31066	0				
22	FTR	01/17/00	10:30		18.1	37.5	19.4	1 1	624	0.11213	0.11288	0.00075	0	0	41.5	38.7	
25	FTR	01/22/00	16:30	Hach Cell	17.8	36.3	18.5	1 1	607	0.11645	0.11674	0.00029	0	0	25.6	15.7	
28	FTR	01/27/00	18:00	Hach Cell	18.0	37.6	19.6	1 1	625	0.11420	0.11440	0.00020	0	0	20	10.2	
32	FTR	01/31/00	16:15	Hach Cell	17.9	37.5	19.6	1 1	1074	0.12729	0.12784	0.00055	0	0	34.6	28.1	
35	FTR	02/05/00	15:15	Hach Cell	18.1	38.2	20.1	1 1	1249	0.12581	0.12600	0.00019	0	0	21.6	9.5	
38	FTR	02/12/00	13:00	Hach Cell	17.9	37.3	19.4	1 1	1075	0.11615	0.11663	0.00048	0	0	28	24.7	
38	FTR	02/14/00	06:45	3 x 8	59.2	576.5	517.3	1 7	1066	0.12701	0.33373	0.20672	0	0	476	921.1	399.8
					59.2	576.5	517.3	2 7	1067	0.12428	0.18273	0.05845	0				
					59.2	576.5	517.3	3 7	1068	0.12486	0.16723	0.04237	0				
					59.2	576.5	517.3	4 7	1069	0.12573	0.16688	0.04115	0				
					59.2	576.5	517.3	5 7	1070	0.12614	0.17248	0.04634	0				
					59.2	576.5	517.3	6 7	1071	0.11607	0.18108	0.06501	0				
					59.2	576.5	517.3	7 7	1072	0.12552	0.14171	0.01619	0				
38	FTR	02/14/00	08:30	Hach Cell	17.9	37.2	19.3	1 1	1073	0.12587	0.13497	0.00910	0	0	276	471.6	
42	FTR	02/14/00	12:37	Hach Cell	17.8	37.1	19.3	1 1	1250	0.12180	0.14748	0.02568	0	1	862	1331.7	
42	FTR	02/14/00	12:45	Hach Cell	17.8	37.2	19.4	1 2	1251	0.12509	0.12958	0.00449	0	1	922	1266.5	231.6
					17.8	37.2	19.4	2 2	1252	0.12374	0.14380	0.02006	0				
42	FTR	02/14/00	13:30	Hach Cell	18.0	37	19.0	1 2	1253	0.12629	0.13911	0.01282	0	0	953	1642.7	675.4
					18.0	37	19.0	2 2	1254	0.12007	0.13843	0.01836	0				
42	FTR	02/14/00	14:55	Hach Cell	17.6	36.1	18.5	1 2	1255	0.12474	0.12864	0.00390	0	0	542	792.1	210.8
					17.6	36.1	18.5	2 2	1256	0.12241	0.13316	0.01075	0				
42	FTR	02/14/00	15:03	Hach Cell	18.0	36.1	18.1	1 2	1257	0.12667	0.13626	0.00959	0	0	523	1108.1	530.0
					18.0	36.1	18.1	2 2	1258	0.12658	0.13704	0.01046	0				
42	FTR	02/14/00	16:45	Hach Cell	17.7	36.8	19.1	1 2	1259	0.12130	0.12649	0.00519	0	0	444	775.6	271.8
					17.7	36.8	19.1	2 2	1260	0.12662	0.13624	0.00962	0				
42	FTR	02/14/00	17:40	Hach Cell	17.8	35.8	18.0	1 2	1261	0.12360	0.12950	0.00590	0	0	393	799.6	327.8
					17.8	35.8	18.0	2 2	1262	0.12751	0.13600	0.00849	0				
????	FTR	02/28/00	20:26	Hach Cell	17.9	35.3	17.4	1 1	1263	0.12205	0.12339	0.00134	0	0	61.9	77.0	
50	FTR	02/28/00	10:15	Hach Cell									0		69.9		
74	FTR	04/15/00	15:14	Hach Cell	17.9	37.4	19.5	1 1	1264	0.12536	0.12577	0.00041	0	0	21	21.0	
74	FTR	04/15/00	15:44	Hach Cell	17.9	35.7	17.8	1 1	1265	0.12255	0.12287	0.00032	0	0	19.4	18.0	
77	FTR	05/26/00	15:02	Hach Cell	17.9	36.4	18.5	1 1	1266	0.12820	0.12821	0.00001	0	0	2.72	0.5	

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10:15											
15:14	0.38										
15:44	0.39										
15:02											

FTR / Depth - Integrated Samples															
Humboldt County, California															
Freshwater Creek at 120 Pacific Lumber Camp Road															
Hydrologic Year 2000															
Grab Sampling: Turbidity / Suspended Sediment Data - provisional															
Salmon Forever / Sunny Brae Sediment Lab															
Sign in page #	Location Sampled	matching ISCO	Date Sampled	Time Sampled	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total	Filter ID	Initial Filter Weight g	Final Filter Weight g	Sediment Wt.	Lab Code	Tur. Code	FTU Turbidity
13	FTR	d9, b18	01/11/00	18:15	368.9	504.5	135.6	1 1	256	0.11032	0.17389	0.06357	0	0	146
13	FTR	d9, b18	01/11/00	18:18	369	552.7	183.7	1 1	257	0.11036	0.153	0.04264	0	0	164
13	FTR	d9, b18	01/11/00	18:20	372.6	453.1	80.5	1 1	258	0.1117	0.13185	0.02015	0	0	166
13	FTR	d10,b2	01/11/00	19:40	368	544.2	176.2	1 1	259	0.11022	0.15246	0.04224	0	0	146
13	FTR	d10,b2	01/11/00	19:45	368.5	643.3	274.8	1 1	260	0.10937	0.16465	0.05528	0	0	144
13	FTR	d10,b3	01/11/00	21:43	369.3	560.7	191.4	1 1	261	0.11083	0.14026	0.02943	0	0	117
13	FTR	d10,b3	01/11/00	21:47	375.8	573.2	197.4	1 1	262	0.11135	0.14553	0.03418	0	0	124
20	FTR	d10	01/14/00	10:12		602.2	602.2	1 4	702	0.11271	0.15357	0.04086	0	0	856
20	FTR	d10	01/14/00	10:12		602.2	602.2	2 4	703	0.1153	0.20108	0.08578	0		
20	FTR	d10	01/14/00	10:12		602.2	602.2	3 4	704	0.11715	0.35104	0.23389	0		
20	FTR	d10	01/14/00	10:12		602.2	602.2	4 4	705	0.11453	0.16224	0.04771	0		
20	FTR	d10	01/14/00	10:16		568.9	568.9	1 5	706	0.11253	0.30073	0.18820	0	0	825
20	FTR	d10	01/14/00	10:16		568.9	568.9	2 5	707	0.11512	0.13613	0.02101	0		
20	FTR	d10	01/14/00	10:16		568.9	568.9	3 5	708	0.11763	0.14913	0.03150	0		
20	FTR	d10	01/14/00	10:16		568.9	568.9	4 5	709	0.11458	0.17873	0.06415	0		
20	FTR	d10	01/14/00	10:16		568.9	568.9	5 5	710	0.11152	0.1597	0.04818	0		
20	FTR	d10	01/14/00	10:18		777.5	777.5	1 6	711	0.11338	0.44839	0.33501	0	0	791
20	FTR	d10	01/14/00	10:18		777.5	777.5	2 6	712	0.1161	0.14323	0.02713	0		
20	FTR	d10	01/14/00	10:18		777.5	777.5	3 6	713	0.11508	0.1574	0.04232	0		
20	FTR	d10	01/14/00	10:18		777.5	777.5	4 6	714	0.11538	0.15439	0.03901	0		
20	FTR	d10	01/14/00	10:18		777.5	777.5	5 6	715	0.11626	0.16327	0.04701	0		
20	FTR	d10	01/14/00	10:18		777.5	777.5	6 6	716	0.1129	0.26385	0.15095	0		
20	FTR	d10	01/14/00	10:21	367.5	644.6	277.1	1 4	735	0.11501	0.38007	0.26506	0	0	835
20	FTR	d10	01/14/00	10:21	367.5	644.6	277.1	2 4	QC111	0.11289	0.13905	0.02616	0		
20	FTR	d10	01/14/00	10:21	367.5	644.6	277.1	3 4	736	0.11633	0.16042	0.04409	0		
20	FTR	d10	01/14/00	10:21	367.5	644.6	277.1	4 4	737	0.1166	0.17854	0.06194	0		
21	FTR	d10	01/14/00	10:53	363	578.1	215.1	1 4	738	0.11619	0.27793	0.16174	0	0	713
21	FTR	d10	01/14/00	10:53	363	578.1	215.1	2 4	739	0.11673	0.11664	-0.00009	2		
21	FTR	d10	01/14/00	10:53	363	578.1	215.1	3 4	740	0.11163	0.14704	0.03541	0		

FTR / Depth - Integrated Samples																		
Humboldt County, California																		
Freshwater Creek at 120 Pacific Lumber Camp Road																		
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Salmon Forever / Sunny Brae Sediment Lab																		
Mg/l	sand	Type	Time	Stage	velocity width	Velocity	Vel.	Comments										
PPM	fraction	Container	Sampled		high or low	distance	time/sec											
468.942		DIS	18:15					5,7,9,11,13;; 1 of 3; 150 cc; correlate with H;										
232.151		DIS	18:18					15-25; 2 of 3; 200 cc; correlate with H										
250.350		DIS	18:20	1.9				27-31; 3 of 3; 100 cc; correlate with H										
239.763		DIS	19:40	1.88				1 of 2; 200 cc; correlate with H										
201.190		DIS	19:45	1.88				2 of 2; 300 cc; correlate with H										
153.776		DIS	21:43	1.78				1 of 2; 200 cc; correlate with H										
173.170		DIS	21:47	1.78				2 of 2; 210 cc; correlate with H										
67.854		DIS	10:12					1 of 1										
142.457		DIS	10:12															
388.437	X	DIS	10:12															
79.230		DIS	10:12															
330.832		DIS	10:16					2 of 4										
36.932		DIS	10:16															
55.372		DIS	10:16															
112.769		DIS	10:16															
84.694		DIS	10:16															
430.997	X	DIS	10:18					3 of 4										
34.895		DIS	10:18															
54.433		DIS	10:18															
50.175		DIS	10:18															
60.465		DIS	10:18															
194.171		DIS	10:18															
957.120	X	DIS	10:21					4 of 4										
94.412		DIS	10:21					QC filter used for sample										
159.128		DIS	10:21															
223.561		DIS	10:21															
752.232	X	DIS	10:53					1 of 2										
-0.478		DIS	10:53															
164.638		DIS	10:53															

21	FTR	d10	01/14/00	10:53	363	578.1	215.1	4 4	741	0.1152	0.19	0.07480	0		
21	FTR	d10	01/14/00	10:57	363.2	639.3	276.1	1 4	742	0.11621	0.302	0.18579	0	0	703
21	FTR	d10	01/14/00	10:57	363.2	639.3	276.1	2 4	743	0.11138	0.14819	0.03681	0		
21	FTR	d10	01/14/00	10:57	363.2	639.3	276.1	3 4	744	0.11287	0.14883	0.03596	0		
21	FTR	d10	01/14/00	10:57	363.2	639.3	276.1	4 4	745	0.11426	0.23898	0.12472	0		
21	FTR	d11,b1	01/14/00	13:01	370.3	699.2	328.9	1 4	746	0.11617	0.35466	0.23849	0	0	474
21	FTR	d11,b1	01/14/00	13:01	370.3	699.2	328.9	2 4	747	0.11303	0.15711	0.04408	0		
21	FTR	d11,b1	01/14/00	13:01	370.3	699.2	328.9	3 4	748	0.11198	0.15062	0.03864	0		
21	FTR	d11,b1	01/14/00	13:01	370.3	699.2	328.9	4 4	749	0.11319	0.16103	0.04784	0		
21	FTR	d11,b1	01/14/00	13:01	360.8	746.6	385.8	1 5	750	0.11591	0.28909	0.17318	0	0	461
21	FTR	d11,b1	01/14/00	13:01	360.8	746.6	385.8	2 5	751	0.11509	0.17064	0.05555	0		
21	FTR	d11,b1	01/14/00	13:01	360.8	746.6	385.8	3 5	752	0.11128	0.147	0.03572	0		
21	FTR	d11,b1	01/14/00	13:01	360.8	746.6	385.8	4 5	753	0.11396	0.15219	0.03823	0		
21	FTR	d11,b1	01/14/00	13:01	360.8	746.6	385.8	5 5	754	0.11367	0.19256	0.07889	0		
21	FTR	d11,b1	01/14/00	13:01	363.4	669	305.6	1 4	755	0.11508	0.21657	0.10149	4	0	447
21	FTR	d11,b1	01/14/00	13:01	363.4	669	305.6	2 4	756	0.11188	0.15722	0.04534	0		
21	FTR	d11,b1	01/14/00	13:01	363.4	669	305.6	3 4	757	0.11347	0.17562	0.06215	0		
21	FTR	d11,b1	01/14/00	13:01	363.4	669	305.6	4 4	758	0.11406	0.17835	0.06429	0		
21	FTR	d11,b2	01/14/00	16:15	366.2	669.3	303.1	1 4	759	0.11654	0.21334	0.09680	0	0	320
21	FTR	d11,b2	01/14/00	16:15	366.2	669.3	303.1	2 4	760	0.11075	0.13853	0.02778	0		
21	FTR	d11,b2	01/14/00	16:15	366.2	669.3	303.1	3 4	761	0.11186	0.14239	0.03053	0		
21	FTR	d11,b2	01/14/00	16:15	366.2	669.3	303.1	4 4	762	0.11548	0.18156	0.06608	0		
21	FTR	d11,b2	01/14/00	16:15	370.7	724.9	354.2	1 4	763	0.11472	0.2184	0.10368	0	0	316
21	FTR	d11,b2	01/14/00	16:15	370.7	724.9	354.2	2 4	764	0.11022	0.15196	0.04174	0		
21	FTR	d11,b2	01/14/00	16:15	370.7	724.9	354.2	3 4	765	0.11176	0.13755	0.02579	0		
21	FTR	d11,b2	01/14/00	16:15	370.7	724.9	354.2	4 4	766	0.11458	0.15308	0.03850	0		
21	FTR	d11,b2	01/14/00	16:15	362.6	509.1	146.5	1 4	767	0.11314	0.14726	0.03412	0	0	325
21	FTR	d11,b2	01/14/00	16:15	362.6	509.1	146.5	2 4	768	0.11329	0.12888	0.01559	0		
21	FTR	d11,b2	01/14/00	16:15	362.6	509.1	146.5	3 4	769	0.11183	0.1318	0.01997	0		
21	FTR	d11,b2	01/14/00	16:15	362.6	509.1	146.5	4 4	770	0.11303	0.14026	0.02723	0		
40	FTR	d16,b14	02/14/00	12:40	375.2	553.4	178.2	1 4	853	0.11419	0.29671	0.18252	0	1	936
40	FTR	d16,b14	02/14/00	12:40	375.2	553.4	178.2	2 4	854	0.11307	0.1914	0.07833	0		
40	FTR	d16,b14	02/14/00	12:40	375.2	553.4	178.2	3 4	855	0.1197	0.15677	0.03707	0		
40	FTR	d16,b14	02/14/00	12:40	375.2	553.4	178.2	4 4	856	0.11615	0.20606	0.08991	0		
40	FTR	d16,b14	02/14/00	12:41	372.4	696.2	323.8	1 7	857	0.11546	0.48846	0.37300	0	1	998
40	FTR	d16,b14	02/14/00	12:41	372.4	696.2	323.8	2 7	858	0.11213	0.15954	0.04741	0		
40	FTR	d16,b14	02/14/00	12:41	372.4	696.2	323.8	3 7	859	0.11844	0.16683	0.04839	0		
40	FTR	d16,b14	02/14/00	12:41	372.4	696.2	323.8	4 7	860	0.11705	0.16533	0.04828	0		
40	FTR	d16,b14	02/14/00	12:41	372.4	696.2	323.8	5 7	861	0.11469	0.17003	0.05534	0		

40	FTR	d16,b14	02/14/00	12:41	372.4	696.2	323.8	6 7	862	0.11235	0.20472	0.09237	0		
40	FTR	d16,b14	02/14/00	12:41	372.4	696.2	323.8	7 7	863	0.11992	0.21208	0.09216	0		
40	FTR	d16,b14	02/14/00	12:42	370.1	655.7	285.6	1 5	864	0.11765	0.34555	0.22790	0	1	973
40	FTR	d16,b14	02/14/00	12:42	370.1	655.7	285.6	2 5	865	0.11559	0.19093	0.07534	0		
40	FTR	d16,b14	02/14/00	12:42	370.1	655.7	285.6	3 5	866	0.11185	0.18819	0.07634	0		
40	FTR	d16,b14	02/14/00	12:42	370.1	655.7	285.6	4 5	867	0.11989	0.20227	0.08238	0		
40	FTR	d16,b14	02/14/00	12:42	370.1	655.7	285.6	5 5	868	0.11807	0.21886	0.10079	0		
40	FTR	d16,b14	02/14/00	12:43	370.8	663.2	292.4	1 5	869	0.11387	0.34576	0.23189	0	1	980
40	FTR	d16,b14	02/14/00	12:43	370.8	663.2	292.4	2 5	870	0.11272	0.20998	0.09726	0		
40	FTR	d16,b14	02/14/00	12:43	370.8	663.2	292.4	3 5	871	0.11933	0.19662	0.07729	0		
40	FTR	d16,b14	02/14/00	12:43	370.8	663.2	292.4	4 5	872	0.11861	0.17849	0.05988	0		
40	FTR	d16,b14	02/14/00	12:43	370.8	663.2	292.4	5 5	873	0.11519	0.22522	0.11003	0		
40	FTR	d16,b19	02/14/00	14:55	371.7	701.8	330.1	1 4	1016	0.11534	0.35426	0.23892	0	0	545
40	FTR	d16,b19	02/14/00	14:55	371.7	701.8	330.1	2 4	1017	0.11596	0.18425	0.06829	4		
40	FTR	d16,b19	02/14/00	14:55	371.7	701.8	330.1	3 4	1018	0.11448	0.16734	0.05286	0		
40	FTR	d16,b19	02/14/00	14:55	371.7	701.8	330.1	4 4	1019	0.11533	0.17106	0.05573	0		
40	FTR	d16,b19	02/14/00	14:57	377.2	657.5	280.3	1 4	1020	0.11816	0.31913	0.20097	4	0	548
40	FTR	d16,b19	02/14/00	14:57	377.2	657.5	280.3	2 4	1021	0.11593	0.20151	0.08558	0		
40	FTR	d16,b19	02/14/00	14:57	377.2	657.5	280.3	3 4	1022	0.11328	0.16859	0.05531	0		
40	FTR	d16,b19	02/14/00	14:57	377.2	657.5	280.3	4 4	1023	0.11651	0.15433	0.03782	0		
40	FTR	d16,b19	02/14/00	14:59	370.4	663.2	292.8	1 4	1024	0.11697	0.24999	0.13302	0	0	538
40	FTR	d16,b19	02/14/00	14:59	370.4	663.2	292.8	2 4	1025	0.11645	0.17712	0.06067	0		
40	FTR	d16,b19	02/14/00	14:59	370.4	663.2	292.8	3 4	1026	0.11855	0.19879	0.08024	0		
40	FTR	d16,b19	02/14/00	14:59	370.4	663.2	292.8	4 4	1027	0.11953	0.1598	0.04027	0		
40	FTR	d16,b19	02/14/00	15:00	373.5	686.3	312.8	1 4	1028	0.11881	0.23931	0.12050	0	0	542
40	FTR	d16,b19	02/14/00	15:00	373.5	686.3	312.8	2 4	1029	0.11763	0.1841	0.06647	0		
40	FTR	d16,b19	02/14/00	15:00	373.5	686.3	312.8	3 4	1030	0.11906	0.19741	0.07835	0		
40	FTR	d16,b19	02/14/00	15:00	373.5	686.3	312.8	4 4	1031	0.12119	0.15782	0.03663	0		
40	FTR	d17,b2	02/14/00	16:55	368.4	721.9	353.5	1 4	1032	0.11771	0.2682	0.15049	0	0	427
40	FTR	d17,b2	02/14/00	16:55	368.4	721.9	353.5	2 4	1033	0.1211	0.17015	0.04905	0		
40	FTR	d17,b2	02/14/00	16:55	368.4	721.9	353.5	3 4	1034	0.11674	0.17428	0.05754	0		
40	FTR	d17,b2	02/14/00	16:55	368.4	721.9	353.5	4 4	1035	0.1162	0.19411	0.07791	0		
40	FTR	d17,b2	02/14/00	16:57	371.7	621.5	249.8	1 4	1036	0.11742	0.22534	0.10792	0	0	434
40	FTR	d17,b2	02/14/00	16:57	371.7	621.5	249.8	2 4	1037	0.11935	0.15079	0.03144	0		
40	FTR	d17,b2	02/14/00	16:57	371.7	621.5	249.8	3 4	1038	0.11747	0.15453	0.03706	0		
40	FTR	d17,b2	02/14/00	16:57	371.7	621.5	249.8	4 4	1039	0.11377	0.17003	0.05626	0		
40	FTR	d17,b2	02/14/00	17:00	377.1	604.1	227.0	1 4	1040	0.11667	0.18559	0.06892	0	0	411
40	FTR	d17,b2	02/14/00	17:00	377.1	604.1	227.0	2 4	1041	0.12067	0.16091	0.04024	0		
40	FTR	d17,b2	02/14/00	17:00	377.1	604.1	227.0	3 4	1042	0.11854	0.17337	0.05483	0		

40	FTR	d17,b2	02/14/00	17:00	377.1	604.1	227.0	4 4	1043	0.11789	0.13976	0.02187	0		
40	FTR	d17,b2	02/14/00	17:01	370.2	535.6	165.4	1 4	1044	0.11919	0.16661	0.04742	0	0	412
40	FTR	d17,b2	02/14/00	17:01	370.2	535.6	165.4	2 4	1045	0.12064	0.14917	0.02853	0		
40	FTR	d17,b2	02/14/00	17:01	370.2	535.6	165.4	3 4	1046	0.11752	0.13845	0.02093	0		
40	FTR	d17,b2	02/14/00	17:01	370.2	535.6	165.4	4 4	1047	0.11689	0.14674	0.02985	0		
40	FTR	d17,b3	02/14/00	17:40	371.1	617	245.9	1 4	1048	0.11772	0.22543	0.10771	0	0	394
40	FTR	d17,b3	02/14/00	17:40	371.1	617	245.9	2 4	1049	0.12007	0.15221	0.03214	0		
40	FTR	d17,b3	02/14/00	17:40	371.1	617	245.9	3 4	1050	0.11858	0.1568	0.03822	0		
40	FTR	d17,b3	02/14/00	17:40	371.1	617	245.9	4 4	1051	0.12022	0.17258	0.05236	0		
40	FTR	d17,b3	02/14/00	17:41	369.3	663.1	293.8	1 4	1052	0.11932	0.23683	0.11751	0	0	371
40	FTR	d17,b3	02/14/00	17:41	369.3	663.1	293.8	2 4	1053	0.11972	0.16259	0.04287	0		
40	FTR	d17,b3	02/14/00	17:41	369.3	663.1	293.8	3 4	1054	0.11974	0.16114	0.04140	0		
40	FTR	d17,b3	02/14/00	17:41	369.3	663.1	293.8	4 4	1055	0.12008	0.17574	0.05566	0		
40	FTR	d17,b3	02/14/00	17:42	370.8	653.1	282.3	1 4	1056	0.11964	0.19201	0.07237	0	0	378
40	FTR	d17,b3	02/14/00	17:42	370.8	653.1	282.3	2 4	1057	0.11702	0.16507	0.04805	0		
40	FTR	d17,b3	02/14/00	17:42	370.8	653.1	282.3	3 4	1058	0.1213	0.1577	0.03640	0		
40	FTR	d17,b3	02/14/00	17:42	370.8	653.1	282.3	4 4	1059	0.12524	0.1755	0.05026	0		
40	FTR	d17,b3	02/14/00	17:43	370.1	532.3	162.2	1 4	1060	0.11818	0.1562	0.03802	0	0	382
40	FTR	d17,b3	02/14/00	17:43	370.1	532.3	162.2	2 4	1061	0.1291	0.16504	0.03594	0		
40	FTR	d17,b3	02/14/00	17:43	370.1	532.3	162.2	3 4	1062	0.12674	0.14612	0.01938	0		
40	FTR	d17,b3	02/14/00	17:43	370.1	532.3	162.2	4 4	1063	0.11701	0.14149	0.02448	0		
55	FTR	d19,b3	02/28/00	20:27	368.9	501.3	132.4	1 1	1064	0.12592	0.13434	0.00842	0	0	57.9
55	FTR		02/28/00	20:29	372.3	551.4	179.1	1 1	1065	0.12705	0.13704	0.00999	0	0	55.4
77	FTR		05/09/00	11:30	371.6	543.2	171.6	1 1	1267	0.12207	0.1237	0.00163	0	0	13.1
77	FTR		05/10/00	20:05	375.4	763.8	388.4	1 2	1270	0.12761	0.12872	0.00111	0	0	51.5
77	FTR		05/10/00	20:05	375.4	763.8	388.4	2 2	1271	0.12135	0.13617	0.01482	0		
77	FTR		05/11/00	20:43	375.9	769.8	393.9	1 1	1275	0.12259	0.13052	0.00793	0	0	35.1
77	FTR		05/11/00	21:25	370.9	786.4	415.5	1 1	1274	0.12672	0.13212	0.00540	0	0	27.2

96.349		DIS	17:00											
286.750	X	DIS	17:01						4 of 4; 33' to 37' ; RL stage @ 17:04 3.80					
172.509		DIS	17:01											
126.552		DIS	17:01											
180.492		DIS	17:01											
438.143		DIS	17:40						1 of 4; 9' to 17'; OBS-3 271 NTU; staff plate @ 17:40 3.57					
130.714		DIS	17:40											
155.444		DIS	17:40											
212.960		DIS	17:40											
400.066	X	DIS	17:41						2 of 4; 19'to 23';					
145.929		DIS	17:41											
140.925		DIS	17:41											
189.471		DIS	17:41											
256.399	X	DIS	17:42						3 of 4; 25' to 31'					
170.227		DIS	17:42											
128.951		DIS	17:42											
178.057		DIS	17:42											
234.436	X	DIS	17:43						4 of 4; 33' to 37' RL					
221.609		DIS	17:43											
119.491		DIS	17:43											
150.939		DIS	17:43											
63.598		3x7 glass DIS	20:27						19 FTR 1; 1 of 2					
55.781		3x7 glass DIS	20:29						19 FTR 2; 2 of 2; w/hach 20:16					
9.499		DIS	11:30	0.52					rising; 15 minutes after hard rain					
2.853	X	DIS	20:05	1.35'										
38.157		DIS	20:05											
20.132		DIS	20:43											
12.996		DIS	21:25						G. Ht 1.01' Roelots ???					

Station FTR / ISCO Pump Samples														
Humboldt County, California														
Compiled by L. Gagnon														
Freshwater Creek at 120 Pacific Lumber Camp Road														
Hydrologic Year 2000														
Grab Sampling: Turbidity / Suspended Sediment Data - provisional														
Salmon Forever / Sunny Brae Sediment Lab														
sign in page #	Location Sampled	Date Sampled	Time Sampled	Data Dump #	Bottle number	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total	Filter ID	Initial Filter Weight g	Final Filter Weight g	Sediment Wt.	Lab Code
4	FTR	dataLogger	dataLogger	05	01	102.1	166.2	64.1	1 1	234	0.10954	0.11158	0.00204	5
4	FTR	dataLogger	dataLogger	05	02	101.2	364.9	263.7	1 1	235	0.10921	0.11528	0.00607	0
4	FTR	dataLogger	dataLogger	05	03	101.3	377.1	275.8	1 1	236	0.1107	0.15107	0.04037	0
4	FTR	dataLogger	dataLogger	05	04	83.1	339	255.9	1 1	237	0.11267	0.11437	0.00170	0
4	FTR	dataLogger	dataLogger	05	05	100.3	389.2	288.9	1 2	238	0.10947	0.14934	0.03987	0
4	FTR	dataLogger	dataLogger	05	05	100.3	389.2	288.9	2 2	239	0.11101	0.2208	0.10979	0
4	FTR	dataLogger	dataLogger	05	06	102.4	403.3	300.9	1 2	240	0.11054	0.17012	0.05958	0
4	FTR	dataLogger	dataLogger	05	06	102.4	403.3	300.9	2 2	241	0.11002	0.18399	0.07397	0
5	FTR	dataLogger	dataLogger	05	07	102	382.9	280.9	1 2	242	0.11283	0.14892	0.03609	0
5	FTR	dataLogger	dataLogger	05	07	102	382.9	280.9	2 2	243	0.11054	0.14615	0.03561	0
5	FTR	dataLogger	dataLogger	05	08	100.8	395.2	294.4	1 2	244	0.11069	0.12127	0.01058	0
5	FTR	dataLogger	dataLogger	05	08	100.8	395.2	294.4	2 2	245	0.11439	0.12392	0.00953	0
5	FTR	dataLogger	dataLogger	06	01	101.6	383.9	282.3	1 1	246	0.11199	0.14461	0.03262	0
5	FTR	dataLogger	dataLogger	06	02	99.9	403.1	303.2	1 2	247	0.11071	0.15176	0.04105	0
5	FTR	dataLogger	dataLogger	06	02	99.9	403.1	303.2	2 2	248	0.10959	0.14821	0.03862	0
5	FTR	dataLogger	dataLogger	06	03	97.7	377.2	279.5	1 1	249	0.10986	0.11837	0.00851	0
10	FTR	dataLogger	dataLogger	07	01	104.6	360.5	255.9	1 1	337	0.105	0.10573	0.00073	0
10	FTR	dataLogger	dataLogger	07	02	87.5	363.2	275.7	1 1	338	0.10204	0.10682	0.00478	0
10	FTR	dataLogger	dataLogger	07	03	101.4	380.9	279.5	1 1	339	0.10321	0.107	0.00379	0
10	FTR	dataLogger	dataLogger	07	04	100.5	385.1	284.6	1 1	340	0.10772	0.16168	0.05396	0
10	FTR	dataLogger	dataLogger	07	05	84.5	379.1	294.6	1 1	341	0.10572	0.16429	0.05857	0
10	FTR	dataLogger	dataLogger	07	06	94.5	393.2	298.7	1 1	342	0.10205	0.12659	0.02454	0
10	FTR	dataLogger	dataLogger	07	07	102.1	392.5	290.4	1 1	343	0.10308	0.13461	0.03153	0
10	FTR	dataLogger	dataLogger	07	08	116	410.6	294.6	1 1	344	0.10732	0.12829	0.02097	0
10	FTR	dataLogger	dataLogger	07	09	96.5	194	97.5	1 1	345	0.10579	0.10737	0.00158	0
10	FTR	dataLogger	dataLogger	07	10	101.8	381.4	279.6	1 1	346	0.10148	0.13715	0.03567	0
10	FTR	dataLogger	dataLogger	07	11	98.8	398.6	299.8	1 1	347	0.10311	0.14162	0.03851	0
10	FTR	dataLogger	dataLogger	07	12 A	88.9	382.3	293.4	1 2	348	0.10706	0.12518	0.01812	0
10	FTR	dataLogger	dataLogger	07	12 B	88.9	382.3	293.4	2 2	351	0.1026	0.10271	0.00011	0
10	FTR	dataLogger	dataLogger	07	13	101.6	392.4	290.8	1 1	349	0.10617	0.11552	0.00935	0

Tur. Code	FTU Turbidity	Mg/l PPM	sand fraction	Stage	velocity width high or low	Velocity distance	Vel. time/sec	Comments
		31.826						bottle 1 of 8
		23.019						
		146.388						
		6.643						
		138.018						PPM 518.14 on worksheet
		380.118						
		198.030						PPM 443.96 on worksheet
		245.867						
		128.490						PPM 255.29 on worksheet
		126.781						
		35.938						
		32.372						
		115.559						1 of 3
		135.401						PPM not on worksheet
		127.385						
		30.448						3 of 3
		2.853						1 of 14; campbell data
		17.338						
		13.560						
		189.622						
		198.837						
		82.160						
		108.582						
		71.184						
		16.205						vol low
		127.585						
		128.463						
		61.761						
		0.375						
		32.153						

sign in page #	Location Sampled	Date Sampled	Time Sampled	Data Dump #	Bottle number	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total	Filter ID	Initial Filter Weight g	Final Filter Weight g	Sediment Wt.	Lab Code
10	FTR	dataLogger	dataLogger	07	14	96.8	373.8	277.0	1 1	350	0.101	0.1042	0.00320	0
12	FTR	dataLogger	dataLogger	08	01	98.1	364.9	266.8	1 1	357	0.10392	0.10519	0.00127	0
12	FTR	dataLogger	dataLogger	08	02	109.4	372.3	262.9	1 1	358	0.10174	0.10257	0.00083	0
12	FTR	dataLogger	dataLogger	08	03	85.9	356.2	270.3	1 1	359	0.10331	0.10388	0.00057	0
12	FTR	dataLogger	dataLogger	08	04	97.3	348.1	250.8	1 1	360	0.10685	0.10698	0.00013	0
12	FTR	dataLogger	dataLogger	08	05	97.1	369.6	272.5	1 1	361	0.10132	0.10507	0.00375	0
12	FTR	dataLogger	dataLogger	08	06	99.9	376.3	276.4	1 1	362	0.10455	0.10585	0.00130	0
12	FTR	dataLogger	dataLogger	08	07	78.8	332.2	253.4	1 1	363	0.10306	0.10384	0.00078	0
12	FTR	dataLogger	dataLogger	08	08	85.7	356.6	270.9	1 1	364	0.10646	0.10836	0.00190	0
12	FTR	dataLogger	dataLogger	08	09	99.4	369.8	270.4	1 1	365	0.10271	0.10383	0.00112	0
14	FTR	dataLogger	dataLogger	09	01	98.3	376.3	278.0	1 1	430	0.11061	0.11272	0.00211	0
14	FTR	dataLogger	dataLogger	09	02	101.7	384.2	282.5	1 1	431	0.11241	0.11728	0.00487	0
14	FTR	dataLogger	dataLogger	09	03	101.3	392.6	291.3	1 2	432	0.11234	0.13016	0.01782	0
14	FTR	dataLogger	dataLogger	09	03	101.3	392.6	291.3	2 2	433	0.11191	0.13779	0.02588	0
14	FTR	dataLogger	dataLogger	09	04	101.7	404.2	302.5	1 3	434	0.11191	0.16313	0.05122	0
14	FTR	dataLogger	dataLogger	09	04	101.7	404.2	302.5	2 3	435	0.1122	0.16046	0.04826	0
14	FTR	dataLogger	dataLogger	09	04	101.7	404.2	302.5	3 3	436	0.11141	0.1599	0.04849	1
14	FTR	dataLogger	dataLogger	09	05	101.5	426.3	324.8	1 4	437	0.11207	0.21715	0.10508	1
14	FTR	dataLogger	dataLogger	09	05	101.5	426.3	324.8	2 4	438	0.11103	0.21133	0.10030	0
14	FTR	dataLogger	dataLogger	09	05	101.5	426.3	324.8	3 4	439	0.11048	0.18878	0.07830	0
14	FTR	dataLogger	dataLogger	09	05	101.5	426.3	324.8	4 4	440	0.1116	0.20818	0.09658	0
14	FTR	dataLogger	dataLogger	09	06	101.3	438.7	337.4	1 7	441	0.11072	0.1763	0.06558	0
14	FTR	dataLogger	dataLogger	09	06	101.3	438.7	337.4	2 7	442	0.11079	0.17618	0.06539	0
14	FTR	dataLogger	dataLogger	09	06	101.3	438.7	337.4	3 7	443	0.11193	0.18984	0.07791	0
14	FTR	dataLogger	dataLogger	09	06	101.3	438.7	337.4	4 7	444	0.11191	0.155	0.04309	0
14	FTR	dataLogger	dataLogger	09	06	101.3	438.7	337.4	5 7	445	0.11146	0.17156	0.06010	0
14	FTR	dataLogger	dataLogger	09	06	101.3	438.7	337.4	6 7	446	0.11229	0.20428	0.09199	0
14	FTR	dataLogger	dataLogger	09	06	101.3	438.7	337.4	7 7	447	0.11208	0.2541	0.14202	0
14	FTR	dataLogger	dataLogger	09	07	96.4	454.3	357.9	1 11	448	0.11071	0.20986	0.09915	0
14	FTR	dataLogger	dataLogger	09	07	96.4	454.3	357.9	2 11	449	0.11069	0.13625	0.02556	0
14	FTR	dataLogger	dataLogger	09	07	96.4	454.3	357.9	3 11	450	0.11286	0.14115	0.02829	0
14	FTR	dataLogger	dataLogger	09	07	96.4	454.3	357.9	4 11	451	0.11353	0.14354	0.03001	0
14	FTR	dataLogger	dataLogger	09	07	96.4	454.3	357.9	5 11	453	0.11213	0.13252	0.02039	0
14	FTR	dataLogger	dataLogger	09	07	96.4	454.3	357.9	6 11	454	0.11169	0.13159	0.01990	0
14	FTR	dataLogger	dataLogger	09	07	96.4	454.3	357.9	7 11	455	0.11235	0.13623	0.02388	0
14	FTR	dataLogger	dataLogger	09	07	96.4	454.3	357.9	8 11	456	0.11203	0.34564	0.23361	0
14	FTR	dataLogger	dataLogger	09	07	96.4	454.3	357.9	9 11	457	0.11006	0.2251	0.11504	0

Tur. Code	FTU Turbidity	Mg/l PPM	sand fraction	Stage	velocity width high or low	Velocity distance	Vel. time/sec	Comments										
		11.552						14 of 14										
		4.760						1 of 9										
		3.157																
		2.109																
		0.518																
		13.762																
		4.703																
		3.078																
		7.014																
		4.142						9 of 9										
0	14.3	7.590						add HCL after NTU										
0	22.9	17.239						determination										
0	104	61.176																
0	104	88.848																
0	288	169.340																
0	288	159.553																
0	288	160.314																
0	625	323.587																
0	625	308.865																
0	625	241.108																
0	625	297.407																
0	900	194.392																
0	900	193.829																
0	900	230.946																
0	900	127.722																
0	900	178.147																
0	900	272.690																
0	900	421.035																
1	1144	277.080						by dilution; no HCl										
1	1144	71.420																
1	1144	79.048																
1	1144	83.855																
1	1144	56.973																
1	1144	55.604																
1	1144	66.725																
1	1144	652.990																
1	1144	321.495																

14	FTR	dataLogger	dataLogger	09	07	96.4	454.3	357.9	10 11	458	0.11072	0.20958	0.09886	0
14	FTR	dataLogger	dataLogger	09	07	96.4	454.3	357.9	11 11	459	0.11194	0.18798	0.07604	0
sign in page #	Location Sampled	Date Sampled	Time Sampled	Data Dump #	Bottle number	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total	Filter ID	Initial Filter Weight g	Final Filter Weight g	Sediment Wt.	Lab Code
14	FTR	dataLogger	dataLogger	09	08	102.2	462.8	360.6	1 11	491	0.11263	0.38032	0.26769	0
14	FTR	dataLogger	dataLogger	09	08	102.2	462.8	360.6	2 11	492	0.11141	0.13805	0.02664	0
14	FTR	dataLogger	dataLogger	09	08	102.2	462.8	360.6	3 11	493	0.11159	0.1279	0.01631	0
14	FTR	dataLogger	dataLogger	09	08	102.2	462.8	360.6	4 11	494	0.11164	0.12893	0.01729	0
14	FTR	dataLogger	dataLogger	09	08	102.2	462.8	360.6	5 11	495	0.11236	0.13798	0.02562	0
14	FTR	dataLogger	dataLogger	09	08	102.2	462.8	360.6	6 11	496	0.11167	0.13663	0.02496	0
14	FTR	dataLogger	dataLogger	09	08	102.2	462.8	360.6	7 11	497	0.11023	0.14824	0.03801	0
14	FTR	dataLogger	dataLogger	09	08	102.2	462.8	360.6	8 11	498	0.11083	0.14571	0.03488	0
14	FTR	dataLogger	dataLogger	09	08	102.2	462.8	360.6	9 11	500	0.11202	0.16851	0.05649	0
14	FTR	dataLogger	dataLogger	09	08	102.2	462.8	360.6	10 11	501	0.11356	0.1682	0.05464	0
14	FTR	dataLogger	dataLogger	09	08	102.2	462.8	360.6	11 11	502	0.11103	0.19566	0.08463	0
14	FTR	dataLogger	dataLogger	09	09	96.9	457.6	360.7	1 4	503	0.1111	0.19683	0.08573	0
14	FTR	dataLogger	dataLogger	09	09	96.9	457.6	360.7	2 4	504	0.11214	0.35388	0.24174	0
14	FTR	dataLogger	dataLogger	09	09	96.9	457.6	360.7	3 4	505	0.10908	0.19358	0.0845	0
14	FTR	dataLogger	dataLogger	09	09	96.9	457.6	360.7	4 4	506	0.11164	0.24428	0.13264	0
14	FTR	dataLogger	dataLogger	09	10	79.2	609.9	530.7	1 3	507	0.11207	0.23244	0.12037	0
14	FTR	dataLogger	dataLogger	09	10	79.2	609.9	530.7	2 3	508	0.112	0.28938	0.17738	0
14	FTR	dataLogger	dataLogger	09	10	79.2	609.9	530.7	3 3	509	0.11473	0.26796	0.15323	0
14	FTR	dataLogger	dataLogger	09	11	98.5	450.7	352.2	1 4	510	0.11519	0.18413	0.06894	0
14	FTR	dataLogger	dataLogger	09	11	98.5	450.7	352.2	2 4	511	0.11071	0.19504	0.08433	0
14	FTR	dataLogger	dataLogger	09	11	98.5	450.7	352.2	3 4	512	0.11257	0.3067	0.19413	0
14	FTR	dataLogger	dataLogger	09	11	98.5	450.7	352.2	4 4	513	0.11341	0.19982	0.08641	0
14	FTR	dataLogger	dataLogger	09	12	100.9	440	339.1	1 4	514	0.1093	0.26351	0.15421	0
14	FTR	dataLogger	dataLogger	09	12	100.9	440	339.1	2 4	515	0.11226	0.1973	0.08504	0
14	FTR	dataLogger	dataLogger	09	12	100.9	440	339.1	3 4	516	0.11517	0.18197	0.06680	0
14	FTR	dataLogger	dataLogger	09	12	100.9	440	339.1	4 4	517	0.11504	0.19262	0.07758	0
14	FTR	dataLogger	dataLogger	09	13	99.7	438.1	338.4	1 3	518	0.11168	0.20907	0.09739	0
14	FTR	dataLogger	dataLogger	09	13	99.7	438.1	338.4	2 3	519	0.11315	0.22176	0.10861	0
14	FTR	dataLogger	dataLogger	09	13	99.7	438.1	338.4	3 3	520	0.11107	0.25326	0.14219	0
14	FTR	dataLogger	dataLogger	09	14	99.4	427.1	327.7	1 3	521	0.11263	0.1938	0.08117	0
14	FTR	dataLogger	dataLogger	09	14	99.4	427.1	327.7	2 3	522	0.11321	0.18307	0.06986	0
14	FTR	dataLogger	dataLogger	09	14	99.4	427.1	327.7	3 3	523	0.11159	0.23005	0.11846	0
14	FTR	dataLogger	dataLogger	09	15	99.5	429.6	330.1	1 3	524	0.11513	0.148	0.03287	0
14	FTR	dataLogger	dataLogger	09	15	99.5	429.6	330.1	2 3	525	0.11145	0.18951	0.07806	0
14	FTR	dataLogger	dataLogger	09	15	99.5	429.6	330.1	3 3	526	0.10938	0.23905	0.12967	0

sign in page #	Location Sampled	Date Sampled	Time Sampled	Data Dump #	Bottle number	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total	Filter ID	Initial Filter Weight g	Final Filter Weight g	Sediment Wt.	Lab Code
15	FTR	dataLogger	dataLogger	09	16	81.5	384.8	303.3	1 2	527	0.11126	0.17479	0.06353	0
15	FTR	dataLogger	dataLogger	09	16	81.5	384.8	303.3	2 2	528	0.11004	0.2127	0.10266	0
20	FTR	dataLogger	dataLogger	10	1	80	370.9	290.9	1 2	592	0.11242	0.13236	0.01994	0
20	FTR	dataLogger	dataLogger	10	1	80	370.9	290.9	2 2	593	0.11479	0.1566	0.04181	0
20	FTR	dataLogger	dataLogger	10	2	105.2	404.4	299.2	1 2	594	0.11737	0.13967	0.02230	0
20	FTR	dataLogger	dataLogger	10	2	105.2	404.4	299.2	2 2	595	0.11593	0.15916	0.04323	0
20	FTR	dataLogger	dataLogger	10	3	108.4	406.6	298.2	1 1	596	0.11208	0.16563	0.05355	0
20	FTR	dataLogger	dataLogger	10	4	101.8	400.8	299.0	1 1	597	0.11363	0.15408	0.04045	0
20	FTR	dataLogger	dataLogger	10	5	100.7	388.4	287.7	1 1	598	0.11624	0.13558	0.01934	0
20	FTR	dataLogger	dataLogger	10	6	101.3	390.4	289.1	1 1	599	0.11713	0.13195	0.01482	0
20	FTR	dataLogger	dataLogger	10	7	87.3	375.4	288.1	1 1	600	0.11646	0.12741	0.01095	0
20	FTR	dataLogger	dataLogger	10	8	78.6	373.7	295.1	1 1	679	0.117	0.18208	0.06508	1
20	FTR	dataLogger	dataLogger	10	9	80	393.8	313.8	1 1	680	0.11733	0.31768	0.20035	1
20	FTR	dataLogger	dataLogger	10	10	101	428.6	327.6	1 2	681	0.11584	0.44198	0.32614	1
20	FTR	dataLogger	dataLogger	10	10	101	428.6	327.6	2 2	682	0.11376	0.14253	0.02877	0
20	FTR	dataLogger	dataLogger	10	11	102.1	451.1	349.0	1 2	683	0.11254	0.31514	0.20260	0
20	FTR	dataLogger	dataLogger	10	11	102.1	451.1	349.0	2 2	684	0.11458	0.49391	0.37933	0
20	FTR	dataLogger	dataLogger	10	12	101.6	463.2	361.6	1 2	685	0.11675	0.31789	0.20114	0
20	FTR	dataLogger	dataLogger	10	12	101.6	463.2	361.6	2 2	686	0.11148	0.49778	0.38630	0
20	FTR	dataLogger	dataLogger	10	13	100.4	428.3	327.9	1 3	687	0.11456	0.23828	0.12372	0
20	FTR	dataLogger	dataLogger	10	13	100.4	428.3	327.9	2 3	688	0.11459	0.29979	0.18520	0
20	FTR	dataLogger	dataLogger	10	13	100.4	428.3	327.9	3 3	689	0.11376	0.11405	0.00029	0
20	FTR	dataLogger	dataLogger	10	14	81.1	412.5	331.4	1 4	690	0.11521	0.21807	0.10286	0
20	FTR	dataLogger	dataLogger	10	14	81.1	412.5	331.4	2 4	691	0.1118	0.309	0.19720	2
20	FTR	dataLogger	dataLogger	10	14	81.1	412.5	331.4	3 4	692	0.11454	0.14629	0.03175	0
20	FTR	dataLogger	dataLogger	10	14	81.1	412.5	331.4	4 4	693	0.11506	0.2008	0.08574	0
20	FTR	dataLogger	dataLogger	10	15	78.6	417.5	338.9	1 4	694	0.11466	0.29485	0.18019	0
20	FTR	dataLogger	dataLogger	10	15	78.6	417.5	338.9	2 4	695	0.11261	0.25391	0.14130	0
20	FTR	dataLogger	dataLogger	10	15	78.6	417.5	338.9	3 4	696	0.11496	0.14493	0.02997	0
20	FTR	dataLogger	dataLogger	10	15	78.6	417.5	338.9	4 4	697	0.11457	0.14481	0.03024	0
21	FTR	dataLogger	dataLogger	11	01									
21	FTR	dataLogger	dataLogger	11	02									
21	FTR	dataLogger	dataLogger	11	03									
21	FTR	dataLogger	dataLogger	11	04									
21	FTR	dataLogger	dataLogger	11	05									
21	FTR	dataLogger	dataLogger	11	06									
21	FTR	dataLogger	dataLogger	11	07									

sign in page #	Location Sampled	Date Sampled	Time Sampled	Data Dump #	Bottle number	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total	Filter ID	Initial Filter Weight g	Final Filter Weight g	Sediment Wt.	Lab Code
21	FTR	dataLogger	dataLogger	11	08									
21	FTR	dataLogger	dataLogger	11	09									
21	FTR	dataLogger	dataLogger	11	10									
21	FTR	dataLogger	dataLogger	11	11									
22	FTR	dataLogger	dataLogger	11	12	70.8	355.9	285.1	1 2	393	0.10298	0.11274	0.00976	0
22	FTR	dataLogger	dataLogger	11	12	70.8	355.9	285.1	2 2	394	0.10517		-0.10517	
24	FTR	dataLogger	dataLogger	12	01	101.8	400	298.2	1 1	817	0.11198	0.12596	0.01398	0
24	FTR	dataLogger	dataLogger	12	02	72.2	357.2	285.0	1 1	818	0.11291	0.11992	0.00701	0
24	FTR	dataLogger	dataLogger	12	03	101.3	394	292.7	1 2	819	0.11452	0.14649	0.03197	0
24	FTR	dataLogger	dataLogger	12	03	101.3	394	292.7	2 2	820	0.11438	0.14607	0.03169	0
24	FTR	dataLogger	dataLogger	12	04	78	379.7	301.7	1 3	821	0.11296	0.13353	0.02057	0
24	FTR	dataLogger	dataLogger	12	04	78	379.7	301.7	2 3	822	0.11388	0.15439	0.04051	0
24	FTR	dataLogger	dataLogger	12	04	78	379.7	301.7	3 3	823	0.11373	0.13612	0.02239	0
24	FTR	dataLogger	dataLogger	12	05	71.1	373.4	302.3	1 3	824	0.11488	0.12134	0.00646	0
24	FTR	dataLogger	dataLogger	12	05	71.1	373.4	302.3	2 3	825	0.11122	0.13466	0.02344	0
24	FTR	dataLogger	dataLogger	12	05	71.1	373.4	302.3	3 3	826	0.11221	0.13182	0.01961	0
24	FTR	dataLogger	dataLogger	12	06	102	403.8	301.8	1 3	827	0.11504	0.11789	0.00285	0
24	FTR	dataLogger	dataLogger	12	06	102	403.8	301.8	2 3	828	0.11457	0.12499	0.01042	0
24	FTR	dataLogger	dataLogger	12	06	102	403.8	301.8	3 3	829	0.11537	0.12815	0.01278	0
25	FTR	dataLogger	dataLogger	12	07	103.2	395	291.8	1 1	830	0.11354	0.11962	0.00608	0
25	FTR	dataLogger	dataLogger	12	08	79.1	372.8	293.7	1 1	831	0.11927	0.12439	0.00512	0
25	FTR	dataLogger	dataLogger	12	09	99.3	391.4	292.1	1 1	832	0.119	0.12265	0.00365	0
25	FTR	dataLogger	dataLogger	12	10	86.3	380.9	294.6	1 1	833	0.11525	0.11985	0.00460	0
25	FTR	dataLogger	dataLogger	12	11	116.3	413.3	297.0	1 1	834	0.11257	0.11755	0.00498	0
32	FTR	dataLogger	dataLogger	13	01	82.9	357.7	274.8	1 1	839	0.11948	0.12173	0.00225	0
32	FTR	dataLogger	dataLogger	13	02	101.6	381	279.4	1 1	840	0.11803	0.12581	0.00778	0
32	FTR	dataLogger	dataLogger	13	03	97.8	379.6	281.8	1 1	841	0.115	0.11678	0.00178	0
32	FTR	dataLogger	dataLogger	13	04	102.1	376.5	274.4	1 2	842	0.11278	0.11332	0.00054	0
32	FTR	dataLogger	dataLogger	13	04	102.1	376.5	274.4	2 2	843	0.11646	0.12029	0.00383	0
32	FTR	dataLogger	dataLogger	13	05	102.6	379.9	277.3	1 1	844	0.12066	0.12404	0.00338	0
32	FTR	dataLogger	dataLogger	13	06	100.3	365.6	265.3	1 2	845	0.11317	0.1133	0.00013	0
32	FTR	dataLogger	dataLogger	13	06	100.3	365.6	265.3	2 2	846	0.11358	0.11558	0.00200	0
32	FTR	dataLogger	dataLogger	13	07	101	370.8	269.8	1 2	847	0.12018	0.12055	0.00037	0
32	FTR	dataLogger	dataLogger	13	07	101	370.8	269.8	2 2	848	0.11727	0.12325	0.00598	0
32	FTR	dataLogger	dataLogger	13	08	101	380.8	279.8	1 2	849	0.11658	0.1168	0.00022	0
32	FTR	dataLogger	dataLogger	13	08	101	380.8	279.8	2 2	850	0.11301	0.11737	0.00436	0

Tur. Code	FTU Turbidity	Mg/l PPM	sand fraction	Stage	velocity width high or low	Velocity distance	Vel. time/sec	Comments										
		34.234						12 of 12										
		-368.803																
		46.883						1 of 11; no S.F. visible										
		24.597						no S.F. visible										
		109.232	X															
		108.275																
		68.183	X															
		134.284																
		74.216																
		21.370	X															
		77.543																
		64.872																
		9.443	X															
		34.527																
		42.347																
		20.836						no s.f. visible										
		17.433						no s.f. visible										
		12.496						no s.f.										
		15.615						no s.f.										
		16.768						11 of 11; no s.f.										
		8.188						1 of 9; no s.f.										
		27.846						no s.f.										
		6.317						no s.f.										
		1.968	X															
		13.958																
		12.189						no s.f.										
		0.490	X															
		7.539																
		1.371	X															
		22.165																
		0.786	X															
		15.583																

sign in page #	Location Sampled	Date Sampled	Time Sampled	Data Dump #	Bottle number	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total	Filter ID	Initial Filter Weight g	Final Filter Weight g	Sediment Wt.	Lab Code
32	FTR	dataLogger	dataLogger	13	09	101.4	355.2	253.8	1 2	851	0.11921	0.12079	0.00158	0
32	FTR	dataLogger	dataLogger	13	09	101.4	355.2	253.8	2 2	852	0.11896	0.13277	0.01381	0
35	FTR	dataLogger	dataLogger	14	01	87.1	370.7	283.6	1 1	933	0.11458	0.1194	0.00482	0
35	FTR	dataLogger	dataLogger	14	02	84.5	371.8	287.3	1 1	934	0.1127	0.11494	0.00224	0
35	FTR	dataLogger	dataLogger	14	03	94.5	360.9	266.4	1 1	935	0.11532	0.11663	0.00131	0
35	FTR	dataLogger	dataLogger	14	04	115.8	395	279.2	1 1	936	0.10977	0.11202	0.00225	0
35	FTR	dataLogger	dataLogger	14	05	101.4	384.4	283.0	1 1	937	0.11427	0.11499	0.00072	0
35	FTR	dataLogger	dataLogger	14	06	102.1	387.5	285.4	1 1	938	0.11572	0.11638	0.00066	0
35	FTR	dataLogger	dataLogger	14	07	101.7	360.8	259.1	1 1	939	0.1161	0.11885	0.00275	0
35	FTR	dataLogger	dataLogger	14	08	101.6	361.1	259.5	1 1	940	0.11078	0.1112	0.00042	0
35	FTR	dataLogger	dataLogger	14	09	98.8	380.4	281.6	1 1	941	0.11311	0.11558	0.00247	0
35	FTR	dataLogger	dataLogger	14	10	99.7	355.7	256.0	1 1	942	0.11595	0.11922	0.00327	0
38	FTR	dataLogger	dataLogger	15	01	101.8	374.8	273.0	1 1	952	0.11217	0.11698	0.00481	0
38	FTR	dataLogger	dataLogger	15	02	99.5	385.5	286.0	1 1	953	0.11583	0.11758	0.00175	0
39	FTR	dataLogger	dataLogger	16	01	70.8	339.1	268.3	1 1	954	0.11399	0.1285	0.01451	4
39	FTR	dataLogger	dataLogger	16	02	97	374.2	277.2	1 1	955	0.11569	0.12767	0.01198	0
39	FTR	dataLogger	dataLogger	16	03	85.7	363.5	277.8	1 1	956	0.11249	0.11753	0.00504	0
39	FTR	dataLogger	dataLogger	16	04	101.1	383.4	282.3	1 1	957	0.11335	0.12105	0.00770	0
39	FTR	dataLogger	dataLogger	16	05	111.7	392.1	280.4	1 3	958	0.11563	0.12136	0.00573	0
39	FTR	dataLogger	dataLogger	16	05	111.7	392.1	280.4	2 3	959	0.115	0.14521	0.03021	0
39	FTR	dataLogger	dataLogger	16	05	111.7	392.1	280.4	3 3	960	0.11165	0.1181	0.00645	0
39	FTR	dataLogger	dataLogger	16	06	82.6	376.9	294.3	1 3	961	0.11547	0.16932	0.05385	0
39	FTR	dataLogger	dataLogger	16	06	82.6	376.9	294.3	2 3	962	0.11609	0.11502	-0.00107	0
39	FTR	dataLogger	dataLogger	16	06	82.6	376.9	294.3	3 3	963	0.11391	0.17821	0.06430	0
39	FTR	dataLogger	dataLogger	16	07	96.6	403.4	306.8	1 4	964	0.11343	0.28038	0.16695	0
39	FTR	dataLogger	dataLogger	16	07	96.6	403.4	306.8	2 4	965	0.11498	0.1712	0.05622	0
39	FTR	dataLogger	dataLogger	16	07	96.6	403.4	306.8	3 4	966	0.11542	0.16961	0.05419	0
39	FTR	dataLogger	dataLogger	16	07	96.6	403.4	306.8	4 4	967	0.1149	0.1772	0.06230	0
39	FTR	dataLogger	dataLogger	16	08	100.4	422.6	322.2	1 4	972	0.11326	0.22521	0.11195	0
39	FTR	dataLogger	dataLogger	16	08	100.4	422.6	322.2	2 4	973	0.11442	0.15608	0.04166	0
39	FTR	dataLogger	dataLogger	16	08	100.4	422.6	322.2	3 4	974	0.11685	0.223	0.10615	0
39	FTR	dataLogger	dataLogger	16	08	100.4	422.6	322.2	4 4	975	0.11554	0.15523	0.03969	0
39	FTR	dataLogger	dataLogger	16	09	107.3	427.2	319.9	1 4	968	0.11354	0.1847	0.07116	0
39	FTR	dataLogger	dataLogger	16	09	107.3	427.2	319.9	2 4	969	0.11553	0.16006	0.04453	0
39	FTR	dataLogger	dataLogger	16	09	107.3	427.2	319.9	3 4	970	0.11616	0.1842	0.06804	0
39	FTR	dataLogger	dataLogger	16	09	107.3	427.2	319.9	4 4	971	0.11585	0.15472	0.03887	0

Tur. Code	FTU Turbidity	Mg/l PPM	sand fraction	Stage	velocity width high or low	Velocity distance	Vel. time/sec	Comments										
		6.225	X															
		54.415						9 of 9										
		16.996						1 of 10										
		7.797																
		4.917																
		8.059																
		2.544																
		2.313																
		10.614																
		1.618																
		8.771																
		12.774						10 of 10; some washwater from sample bottle was spilled										
		17.619						1 of 2; data logger; weighed bottle with cap at first										
		6.119						2 of 2										
		54.083						1 of 19; data logger										
		43.219																
		18.143																
		27.276																
		20.435	X					filter bubbled up, no sand appears to be lost										
		107.746																
		23.003																
		182.997	X					organics, sand fraction										
		-3.636																
		218.514																
		544.350	X															
		183.267																
		176.649																
		203.090																
		347.530	X															
		129.309																
		329.521																
		123.194																
		222.475	X															
		139.212																
		212.720																
		121.516																

sign in page #	Location Sampled	Date Sampled	Time Sampled	Data Dump #	Bottle number	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total	Filter ID	Initial Filter Weight g	Final Filter Weight g	Sediment Wt.	Lab Code
39	FTR	dataLogger	dataLogger	16	10	77.7	396.1	318.4	1 4	976	0.11727	0.18436	0.06709	0
39	FTR	dataLogger	dataLogger	16	10	77.7	396.1	318.4	2 4	977	0.11512	0.14026	0.02514	0
39	FTR	dataLogger	dataLogger	16	10	77.7	396.1	318.4	3 4	978	0.11165	0.16444	0.05279	0
39	FTR	dataLogger	dataLogger	16	10	77.7	396.1	318.4	4 4	979	0.11435	0.1497	0.03535	0
39	FTR	dataLogger	dataLogger	16	11	101.9	423.2	321.3	1 4	980	0.11732	0.19005	0.07273	0
39	FTR	dataLogger	dataLogger	16	11	101.9	423.2	321.3	2 4	981	0.115	0.14323	0.02823	0
39	FTR	dataLogger	dataLogger	16	11	101.9	423.2	321.3	3 4	982	0.11277	0.17692	0.06415	0
39	FTR	dataLogger	dataLogger	16	11	101.9	423.2	321.3	4 4	983	0.11574	0.14086	0.02512	0
39	FTR	dataLogger	dataLogger	16	12	101.2	446.2	345.0	1 4	984	0.11662	0.36994	0.25332	0
39	FTR	dataLogger	dataLogger	16	12	101.2	446.2	345.0	2 4	985	0.11552	0.17187	0.05635	0
39	FTR	dataLogger	dataLogger	16	12	101.2	446.2	345.0	3 4	986	0.11339	0.25681	0.14342	0
39	FTR	dataLogger	dataLogger	16	12	101.2	446.2	345.0	4 4	987	0.1137	0.17436	0.06066	0
39	FTR	dataLogger	dataLogger	16	13	99	453.7	354.7	1 4	988	0.11797	0.4437	0.32573	0
39	FTR	dataLogger	dataLogger	16	13	99	453.7	354.7	2 4	989	0.11563	0.305	0.18937	0
39	FTR	dataLogger	dataLogger	16	13	99	453.7	354.7	3 4	990	0.11354	0.2348	0.12126	0
39	FTR	dataLogger	dataLogger	16	13	99	453.7	354.7	4 4	991	0.11549	0.20743	0.09194	0
39	FTR	dataLogger	dataLogger	16	14	86.7	442.5	355.8	1 4	992	0.11887	0.43614	0.31727	0
39	FTR	dataLogger	dataLogger	16	14	86.7	442.5	355.8	2 4	993	0.11647	0.23145	0.11498	0
39	FTR	dataLogger	dataLogger	16	14	86.7	442.5	355.8	3 4	994	0.11263	0.26711	0.15448	0
39	FTR	dataLogger	dataLogger	16	14	86.7	442.5	355.8	4 4	995	0.11578	0.24826	0.13248	0
39	FTR	dataLogger	dataLogger	16	15	101.5	452.2	350.7	1 4	996	0.11672	0.3241	0.20738	0
39	FTR	dataLogger	dataLogger	16	15	101.5	452.2	350.7	2 4	997	0.11556	0.21481	0.09925	3
39	FTR	dataLogger	dataLogger	16	15	101.5	452.2	350.7	3 4	998	0.11356	0.21537	0.10181	0
39	FTR	dataLogger	dataLogger	16	15	101.5	452.2	350.7	4 4	999	0.11752	0.21769	0.10017	0
39	FTR	dataLogger	dataLogger	16	16	102.4	442.8	340.4	1 4	1000	0.11681	0.2563	0.13949	0
39	FTR	dataLogger	dataLogger	16	16	102.4	442.8	340.4	2 4	1001	0.11591	0.20946	0.09355	0
39	FTR	dataLogger	dataLogger	16	16	102.4	442.8	340.4	3 4	1002	0.11129	0.2355	0.12421	0
39	FTR	dataLogger	dataLogger	16	16	102.4	442.8	340.4	4 4	1003	0.11451	0.19798	0.08347	0
39	FTR	dataLogger	dataLogger	16	17	112.7	456.7	344.0	1 4	1004	0.11704	0.24119	0.12415	0
39	FTR	dataLogger	dataLogger	16	17	112.7	456.7	344.0	2 4	1005	0.11576		-0.11576	
39	FTR	dataLogger	dataLogger	16	17	112.7	456.7	344.0	3 4	1006	0.1126	0.19317	0.08057	0
39	FTR	dataLogger	dataLogger	16	17	112.7	456.7	344.0	4 4	1007	0.11544	0.19117	0.07573	0
39	FTR	dataLogger	dataLogger	16	18	101.3	422.2	320.9	1 4	1008	0.11926	0.23701	0.11775	0
39	FTR	dataLogger	dataLogger	16	18	101.3	422.2	320.9	2 4	1009	0.11561	0.16096	0.04535	0
39	FTR	dataLogger	dataLogger	16	18	101.3	422.2	320.9	3 4	1010	0.1136	0.20947	0.09587	0
39	FTR	dataLogger	dataLogger	16	18	101.3	422.2	320.9	4 4	1011	0.11648	0.17435	0.05787	0

Tur. Code	FTU Turbidity	Mg/l PPM	sand fraction	Stage	velocity width high or low	Velocity distance	Vel. time/sec	Comments										
		210.737	X															
		78.961																
		165.815																
		111.032																
		226.394	X															
		87.867																
		199.682																
		78.186																
		734.597	X															
		163.350																
		415.818																
		175.845																
		918.851	X															
		534.065																
		341.939																
		259.247																
		892.204	X															
		323.224																
		434.294																
		372.430																
		591.549	X															
		283.055																
		290.358																
		285.680																
		409.887	X															
		274.871																
		364.977																
		245.249																
		360.982	X															
		-336.441																
		234.249																
		220.176																
		367.021	X															
		141.334																
		298.809																
		180.357																

sign in page #	Location Sampled	Date Sampled	Time Sampled	Data Dump #	Bottle number	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total	Filter ID	Initial Filter Weight g	Final Filter Weight g	Sediment Wt.	Lab Code
39	FTR	dataLogger	dataLogger	16	19	101.4	426.3	324.9	1 4	1012	0.11671	0.14363	0.02692	0
39	FTR	dataLogger	dataLogger	16	19	101.4	426.3	324.9	2 4	1013	0.11522	0.17744	0.06222	0
39	FTR	dataLogger	dataLogger	16	19	101.4	426.3	324.9	3 4	1014	0.011191	0.20113	0.18994	0
39	FTR	dataLogger	dataLogger	16	19	101.4	426.3	324.9	4 4	1015	0.11619	0.16491	0.04872	0
43	FTR	dataLogger	dataLogger	17	01	97.3	431.8	334.5	1 4	1101	0.12812	0.18821	0.06009	1
43	FTR	dataLogger	dataLogger	17	01	97.3	431.8	334.5	2 4	1102	0.11633	0.18419	0.06786	0
43	FTR	dataLogger	dataLogger	17	01	97.3	431.8	334.5	3 4	1103	0.1249	0.16836	0.04346	0
43	FTR	dataLogger	dataLogger	17	01	97.3	431.8	334.5	4 4	1104	0.12911	0.18835	0.05924	0
43	FTR	dataLogger	dataLogger	17	02	102.4	434.1	331.7	1 4	1105	0.12574	0.18207	0.05633	0
43	FTR	dataLogger	dataLogger	17	02	102.4	434.1	331.7	2 4	1106	0.11742	0.17069	0.05327	0
43	FTR	dataLogger	dataLogger	17	02	102.4	434.1	331.7	3 4	1107	0.12476	0.17583	0.05107	0
43	FTR	dataLogger	dataLogger	17	02	102.4	434.1	331.7	4 4	1108	0.12785	0.19314	0.06529	0
43	FTR	dataLogger	dataLogger	17	03	79.2	369.9	290.7	1 4	1109	0.12476	0.176	0.05124	0
43	FTR	dataLogger	dataLogger	17	03	79.2	369.9	290.7	2 4	1110	0.11775	0.1679	0.05015	0
43	FTR	dataLogger	dataLogger	17	03	79.2	369.9	290.7	3 4	1111	0.12559	0.16055	0.03496	0
43	FTR	dataLogger	dataLogger	17	03	79.2	369.9	290.7	4 4	1112	0.12859	0.18471	0.05612	0
43	FTR	dataLogger	dataLogger	17	04	101.2	425.6	324.4	1 2	1113	0.12787	0.15228	0.02441	0
43	FTR	dataLogger	dataLogger	17	04	101.2	425.6	324.4	2 2	1114	0.11659	0.2302	0.11361	0
43	FTR	dataLogger	dataLogger	17	05	97.9	301.4	203.5	1 3	1115	0.12385	0.14097	0.01712	0
43	FTR	dataLogger	dataLogger	17	05	97.9	301.4	203.5	2 3	1116	0.12945	0.15927	0.02982	0
43	FTR	dataLogger	dataLogger	17	05	97.9	301.4	203.5	3 3	1117	0.12704	0.1613	0.03426	0
43	FTR	dataLogger	dataLogger	17	06	85.9	158	72.1	1 2	1118	0.11641	0.12163	0.00522	0
43	FTR	dataLogger	dataLogger	17	06	85.9	158	72.1	2 2	1119	0.12626	0.14569	0.01943	0
43	FTR	dataLogger	dataLogger	17	07	101.2	119.9	18.7	1 2	1120	0.12916	0.1317	0.00254	0
43	FTR	dataLogger	dataLogger	17	07	101.2	119.9	18.7	2 2	1121	0.12752	0.13427	0.00675	0
43	FTR	dataLogger	dataLogger	17	08	99.6	417.5	317.9	1 3	1122	0.11767	0.14653	0.02886	1
43	FTR	dataLogger	dataLogger	17	08	99.6	417.5	317.9	2 3	1123	0.12585	0.15368	0.02783	0
43	FTR	dataLogger	dataLogger	17	08	99.6	417.5	317.9	3 3	1124	0.12668	0.17211	0.04543	0
43	FTR	dataLogger	dataLogger	17	09	97.7	409	311.3	1 3	1125	0.12859	0.16309	0.03450	0
43	FTR	dataLogger	dataLogger	17	09	97.7	409	311.3	2 3	1126	0.11753	0.14136	0.02383	0
43	FTR	dataLogger	dataLogger	17	09	97.7	409	311.3	3 3	1127	0.12491	0.16335	0.03844	0
43	FTR	dataLogger	dataLogger	17	10	99.3	412.9	313.6	1 2	1128	0.12916	0.14328	0.01412	0
43	FTR	dataLogger	dataLogger	17	10	99.3	412.9	313.6	2 2	1129	0.12728	0.17287	0.04559	0
43	FTR	dataLogger	dataLogger	17	11	99.7	403.4	303.7	1 3	1130	0.11735	0.12303	0.00568	0
43	FTR	dataLogger	dataLogger	17	11	99.7	403.4	303.7	2 3	1131	0.12409	0.13935	0.01526	0
43	FTR	dataLogger	dataLogger	17	11	99.7	403.4	303.7	3 3	1132	0.12934	0.13793	0.00859	0

Tur. Code	FTU Turbidity	Mg/l PPM	sand fraction	Stage	velocity width high or low	Velocity distance	Vel. time/sec	Comments										
		82.861	X															
		191.528																
		584.820																
		149.968																
0	433	179.661	X															
		202.896																
		129.936																
		177.120																
0	418	169.840	X															
		160.613																
		153.979																
		196.859																
0	372	176.284	X															
		172.533																
		120.270																
		193.074																
	268	75.250	X															
		350.292																
	240	84.132	X															
		146.549																
		168.371																
	251	72.403	X															
		269.532																
		135.840	X															
		361.044																
	185	90.788	X															
		87.548																
		142.919																
	167	110.833	X															
		76.554																
		123.492																
	107	45.027	X															
		145.389																
	60.3	18.703	X															
		50.249																
		28.285																

sign in page #	Location Sampled	Date Sampled	Time Sampled	Data Dump #	Bottle number	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total	Filter ID	Initial Filter Weight g	Final Filter Weight g	Sediment Wt.	Lab Code
43	FTR	dataLogger	dataLogger	17	12	90.9	377.2	286.3	1 2	1133	0.12622	0.12957	0.00335	0
43	FTR	dataLogger	dataLogger	17	12	90.9	377.2	286.3	2 2	1134	0.1259	0.12913	0.00323	0
50	FTR	dataLogger	dataLogger	18	01	95.8	363.8	268.0	1 1	1136	0.12812	0.13286	0.00474	0
50	FTR	dataLogger	dataLogger	18	02	100.8	387.7	286.9	1 2	1137	0.12611	0.1609	0.03479	0
50	FTR	dataLogger	dataLogger	18	02	100.8	387.7	286.9	2 2	1138	0.11572	0.13036	0.01464	0
50	FTR	dataLogger	dataLogger	18	03	70.5	369.7	299.2	1 3	1139	0.12491	0.1342	0.00929	0
50	FTR	dataLogger	dataLogger	18	03	70.5	369.7	299.2	2 3	1142	0.11538	0.13447	0.01909	0
50	FTR	dataLogger	dataLogger	18	03	70.5	369.7	299.2	3 3	1143	0.12549	0.13132	0.00583	0
50	FTR	dataLogger	dataLogger	18	04	97.4	395.7	298.3	1 2	1144	0.12786	0.13302	0.00516	0
50	FTR	dataLogger	dataLogger	18	04	97.4	395.7	298.3	2 2	1145	0.1273	0.13947	0.01217	0
50	FTR	dataLogger	dataLogger	18	05	104.2	382.1	277.9	1 1	1146	0.11636	0.12169	0.00533	0
50	FTR	dataLogger	dataLogger	18	06	100.3	379	278.7	1 1	1147	0.12435	0.1384	0.01405	0
50	FTR	dataLogger	dataLogger	18	07	97.1	396.1	299.0	1 3	1148	0.12767	0.14784	0.02017	0
50	FTR	dataLogger	dataLogger	18	07	97.1	396.1	299.0	2 3	1149	0.12569	0.14067	0.01498	0
50	FTR	dataLogger	dataLogger	18	07	97.1	396.1	299.0	3 3	1150	0.11711	0.13507	0.01796	0
50	FTR	dataLogger	dataLogger	18	08	104.2	406.2	302.0	1 3	1151	0.12609	0.13948	0.01339	0
50	FTR	dataLogger	dataLogger	18	08	104.2	406.2	302.0	2 3	1152	0.12586	0.1387	0.01284	0
50	FTR	dataLogger	dataLogger	18	08	104.2	406.2	302.0	3 3	1153	0.1254	0.14412	0.01872	0
50	FTR	dataLogger	dataLogger	18	09	97.6	389.9	292.3	1 1	1154	0.11646	0.13349	0.01703	0
50	FTR	dataLogger	dataLogger	18	10	101.8	406.6	304.8	1 1	1155	0.12664	0.15139	0.02475	0
50	FTR	dataLogger	dataLogger	18	11	70.8	377.1	306.3	1 2	1156	0.12583	0.14577	0.01994	0
50	FTR	dataLogger	dataLogger	18	11	70.8	377.1	306.3	2 2	1157	0.12708	0.15853	0.03145	0
50	FTR	dataLogger	dataLogger	18	12	109.1	417.6	308.5	1 3	1158	0.11658	0.16982	0.05324	0
50	FTR	dataLogger	dataLogger	18	12	109.1	417.6	308.5	2 3	1159	0.12561	0.17932	0.05371	0
50	FTR	dataLogger	dataLogger	18	12	109.1	417.6	308.5	3 3	1160	0.12538	0.15569	0.03031	0
50	FTR	dataLogger	dataLogger	18	13									
50	FTR	dataLogger	dataLogger	18	14	101	407.1	306.1	1 3	1161	0.11638	0.13761	0.02123	3
50	FTR	dataLogger	dataLogger	18	14	101	407.1	306.1	2 3	1162	0.11462	0.16042	0.04580	0
50	FTR	dataLogger	dataLogger	18	14	101	407.1	306.1	3 3	1163	0.11597	0.14315	0.02718	0
50	FTR	dataLogger	dataLogger	18	15									
50	FTR	dataLogger	dataLogger	18	16	109.2	242.9	133.7	1 2	1164	0.11641	0.13144	0.01503	0
50	FTR	dataLogger	dataLogger	18	16	109.2	242.9	133.7	2 2	1165	0.11586	0.12565	0.00979	0
63	FTR	dataLogger	dataLogger	19	01	84.7	399.1	314.4	1 3	1171	0.11555	0.1525	0.03695	0
63	FTR	dataLogger	dataLogger	19	01	84.7	399.1	314.4	2 3	1172	0.11716	0.13588	0.01872	0
63	FTR	dataLogger	dataLogger	19	01	84.7	399.1	314.4	3 3	1173	0.11577	0.1368	0.02103	0
63	FTR	dataLogger	dataLogger	19	02	116.7	385	268.3	1 1	1174	0.11622	0.14235	0.02613	0
63	FTR	dataLogger	dataLogger	19	03	101.9	392.3	290.4	1 1	1175	0.11433	0.13511	0.02078	0

Tur. Code	FTU Turbidity	Mg/l PPM	sand fraction	Stage	velocity width high or low	Velocity distance	Vel. time/sec	Comments										
	28.1	11.701						no sand fraction										
		11.282						12 of 12										
0	18.6	17.687																
0	46.3	121.271	X															
		51.030																
0	86.5	31.050	X															
		63.806																
		19.486																
0	53.6	17.298	X															
		40.799																
0	27.3	19.180																
0	46.2	50.414																
0	94.2	67.461	X															
		50.102																
		60.069																
0	113	44.339	X															
		42.518																
		61.989																
0	59.5	58.264																
0	61.9	81.205																
0	78.5	65.102	X															
		102.684																
0	217	172.596	X															
		174.119																
		98.256																
								empty, low volume										
0	183	69.359																
		149.638																
		88.799																
								empty, low volume										
0	124	112.424																
		73.227																
0	86.7	117.534	X															
		59.544																
		66.892																
0	55.9	97.397																
0	49.8	71.560																

sign in page #	Location Sampled	Date Sampled	Time Sampled	Data Dump #	Bottle number	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total	Filter ID	Initial Filter Weight g	Final Filter Weight g	Sediment Wt.	Lab Code
63	FTR	dataLogger	dataLogger	19	04	101.1	405.3	304.2	1 2	1176	0.11639	0.12944	0.01305	0
63	FTR	dataLogger	dataLogger	19	04	101.1	405.3	304.2	2 2	1177	0.11563	0.13866	0.02303	0
63	FTR	dataLogger	dataLogger	19	05	101.2	392	290.8	1 3	1178	0.11744	0.12709	0.00965	0
63	FTR	dataLogger	dataLogger	19	05	101.2	392	290.8	2 3	1179	0.1139	0.12292	0.00902	0
63	FTR	dataLogger	dataLogger	19	05	101.2	392	290.8	3 3	1180	0.11718	0.12666	0.00948	0
63	FTR	dataLogger	dataLogger	19	06	101.7	390.3	288.6	1 1	1181	0.1156	0.12131	0.00571	0
63	FTR	dataLogger	dataLogger	19	07	101.5	380.8	279.3	1 1	1182	0.11633	0.11933	0.00300	0
63	FTR	dataLogger	dataLogger	19	08	101.2	383.1	281.9	1 3	1183	0.11488	0.12593	0.01105	0
63	FTR	dataLogger	dataLogger	19	08	101.2	383.1	281.9	2 3	1184	0.11576	0.13086	0.01510	0
63	FTR	dataLogger	dataLogger	19	08	101.2	383.1	281.9	3 3	1185	0.11639	0.12804	0.01165	0
63	FTR	dataLogger	dataLogger	19	09	84.8	382.7	297.9	1 2	1186	0.11572	0.12108	0.00536	0
63	FTR	dataLogger	dataLogger	19	09	84.8	382.7	297.9	2 2	1187	0.11765	0.13561	0.01796	0
63	FTR	dataLogger	dataLogger	19	10	101.7	376.5	274.8	1 1	1188	0.11544	0.11892	0.00348	0
65	FTR	dataLogger	dataLogger	20	01	101	341.8	240.8	1 1	1189	0.11483	0.11829	0.00346	0
65	FTR	dataLogger	dataLogger	20	02	100.7	372.6	271.9	1 1	1190	0.1164	0.11927	0.00287	0
65	FTR	dataLogger	dataLogger	20	03	85.4	348.5	263.1	1 1	1191	0.11577	0.13866	0.02289	0
65	FTR	dataLogger	dataLogger	20	04	97.3	377.8	280.5	1 1	1192	0.11382	0.12363	0.00981	0
65	FTR	dataLogger	dataLogger	20	05	99.2	392.1	292.9	1 3	1193	0.11685	0.12596	0.00911	0
65	FTR	dataLogger	dataLogger	20	05	99.2	392.1	292.9	2 3	1194	0.11679	0.13273	0.01594	0
65	FTR	dataLogger	dataLogger	20	05	99.2	392.1	292.9	3 3	1195	0.11639	0.12653	0.01014	0
65	FTR	dataLogger	dataLogger	20	06	97.2	387.5	290.3	1 1	1196	0.11412	0.12721	0.01309	0
65	FTR	dataLogger	dataLogger	20	07	83.8	355.2	271.4	1 1	1197	0.1152	0.11926	0.00406	0
65	FTR	dataLogger	dataLogger	20	08	102.1	374.2	272.1	1 1	1198	0.11696	0.11897	0.00201	0
65	FTR	dataLogger	dataLogger	20	09	102.5	350.3	247.8	1 1	1199	0.11481	0.11619	0.00138	0
65	FTR	dataLogger	dataLogger	20	10	102	516.7	414.7	1 1	1200	0.11485	0.11867	0.00382	0
65	FTR	dataLogger	dataLogger	20	11	102.4	478.3	375.9	1 1	1201	0.11687	0.11805	0.00118	0
75	FTR	dataLogger	dataLogger	21	01	100.5	321.1	220.6	1 1	1202	0.11758	0.12114	0.00356	0
75	FTR	dataLogger	dataLogger	21	02	79.9	328.9	249.0	1 1	1203	0.1161	0.11948	0.00338	0
75	FTR	dataLogger	dataLogger	21	03	78.5	324.2	245.7	1 1	1204	0.11446	0.11621	0.00175	0
75	FTR	dataLogger	dataLogger	21	04	101.3	352.7	251.4	1 1	1205	0.11671	0.12061	0.00390	0
75	FTR	dataLogger	dataLogger	21	05	102.1	368.9	266.8	1 1	1207	0.11521	0.13683	0.02162	0
75	FTR	dataLogger	dataLogger	21	06	82.4	340.1	257.7	1 3	1208	0.1164	0.11953	0.00313	0
75	FTR	dataLogger	dataLogger	21	06	82.4	340.1	257.7	2 3	1209	0.11664	0.12791	0.01127	0
75	FTR	dataLogger	dataLogger	21	06	82.4	340.1	257.7	3 3	1210	0.11603	0.12535	0.00932	0
75	FTR	dataLogger	dataLogger	21	07	101.7	370.3	268.6	1 3	1200	0.11646	0.12147	0.00501	0
75	FTR	dataLogger	dataLogger	21	07	101.7	370.3	268.6	2 3	1212	0.11446	0.12816	0.01370	0
75	FTR	dataLogger	dataLogger	21	07	101.7	370.3	268.6	3 3	1213	0.11619	0.12708	0.01089	0

Tur. Code	FTU Turbidity	Mg/l PPM	sand fraction	Stage	velocity width high or low	Velocity distance	Vel. time/sec	Comments										
0	75.5	42.901																
		75.710																
0	58.9	33.185	X															
		31.018																
		32.600																
0	26.6	19.785																
0	21.6	10.741																
0	74.5	39.199	X															
		53.567																
		41.328																
0	49.2	17.993	X															
		60.291																
0	26.7	12.664																
0	18	14.369																
0	18.5	10.555																
0	67	87.006																
0	32	34.974																
0	79.4	31.103	X															
		54.423																
		34.620																
0	51.4	45.093																
0	15.6	14.960																
0	24	7.387																
0	9.77	5.569																
0	11.1	9.212																
0	8.1	3.139																
0	10.1	16.138																
0	17.5	13.574																
0	12.4	7.123																
0	14.4	15.513																
0	59	81.039																
0	71.2	12.146	X															
		43.734																
		36.167																
0	87.6	18.652	X															
		51.007																
		40.545																

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75	FTR	dataLogger	dataLogger	21	08	78.4	347.1	268.7	1 2	1214	0.11366	0.11966	0.00600	0
75	FTR	dataLogger	dataLogger	21	08	78.4	347.1	268.7	2 2	1215	0.11369	0.12594	0.01225	0
75	FTR	dataLogger	dataLogger	21	09	101	344.1	243.1	1 1	1216	0.11662	0.11844	0.00182	0
75	FTR	dataLogger	dataLogger	21	10	100.9	325.7	224.8	1 1	1217	0.1171	0.1199	0.00280	0
75	FTR	dataLogger	dataLogger	21	11	81.3	336.4	255.1	1 1	1218	0.11581	0.11926	0.00345	0
75	FTR	dataLogger	dataLogger	21	12	101.2	346.6	245.4	1 1	1219	0.11628	0.11746	0.00118	0
75	FTR	dataLogger	dataLogger	21	13	101.4	353.9	252.5	1 1	1220	0.1151	0.11548	0.00038	0
75	FTR	dataLogger	dataLogger	21	14	101.8	337.2	235.4	1 1	1221	0.11692	0.11913	0.00221	0
75	FTR	dataLogger	dataLogger	21	15	99.6	354.8	255.2	1 1	1222	0.1152	0.11789	0.00269	0
75	FTR	dataLogger	dataLogger	21	16	99.1	344.5	245.4	1 1	1223	0.113	0.11416	0.00116	0
75	FTR	dataLogger	dataLogger	21	17	101.7	327.3	225.6	1 1	1224	0.11498	0.11745	0.00247	0
75	FTR	dataLogger	dataLogger	21	18	104.3	349.1	244.8	1 1	1225	0.11614	0.11697	0.00083	0
75	FTR	dataLogger	dataLogger	21	19	89.8	373.1	283.3	1 1	1226	0.11494	0.11673	0.00179	0
75	FTR	dataLogger	dataLogger	21	20	100.5	340.9	240.4	1 1	1227	0.11557	0.1173	0.00173	0
78	FTR	dataLogger	dataLogger	22	01	75.2	380.2	305.0	1 1	1228	0.1147	0.11855	0.00385	0
78	FTR	dataLogger	dataLogger	22	02	70.8	394.3	323.5	1 1	1229	0.11578	0.13091	0.01513	0
78	FTR	dataLogger	dataLogger	22	03	76.7	422.5	345.8	1 1	1230	0.11629	0.14635	0.03006	0
78	FTR	dataLogger	dataLogger	22	04	87.2	464	376.8	1 2	1231	0.11601	0.13754	0.02153	0
78	FTR	dataLogger	dataLogger	22	04	87.2	464	376.8	2 2	1232	0.11468	0.13806	0.02338	0
78	FTR	dataLogger	dataLogger	22	05	92.1	477.8	385.7	1 3	1233	0.11595	0.12502	0.00907	0
78	FTR	dataLogger	dataLogger	22	05	92.1	477.8	385.7	2 3	1234	0.11621	0.13447	0.01826	0
78	FTR	dataLogger	dataLogger	22	05	92.1	477.8	385.7	3 3	1235	0.11593	0.13971	0.02378	0
78	FTR	dataLogger	dataLogger	22	06	81.8	361.4	279.6	1 1	1236	0.11505	0.12858	0.01353	0
78	FTR	dataLogger	dataLogger	22	07	87.6	388	300.4	1 1	1237	0.11785	0.12172	0.00387	0
78	FTR	dataLogger	dataLogger	22	08	101.8	418.4	316.6	1 1	1238	0.11588	0.12024	0.00436	0
78	FTR	dataLogger	dataLogger	22	09	119.3	472.3	353.0	1 1	1239	0.11586	0.11779	0.00193	0
78	FTR	dataLogger	dataLogger	22	10	81	333.7	252.7	1 1	1240	0.11834	0.11903	0.00069	0
78	FTR	dataLogger	dataLogger	22	11	86.8	364.2	277.4	1 1	1241	0.11617	0.11709	0.00092	0
78	FTR	dataLogger	dataLogger	22	12	71.5	382.5	311.0	1 1	1242	0.11642	0.11806	0.00164	0
78	FTR	dataLogger	dataLogger	22	13	71.1	411.9	340.8	1 1	1243	0.11323	0.11474	0.00151	0
78	FTR	dataLogger	dataLogger	22	14	117	472.5	355.5	1 1	1244	0.11674	0.11794	0.00120	0
78	FTR	dataLogger	dataLogger	22	15	86.7	435.5	348.8	1 1	1245	0.12806	0.12898	0.00092	0
78	FTR	dataLogger	dataLogger	22	16	116.7	372.3	255.6	1 1	1246	0.12067	0.12124	0.00057	0
78	FTR	dataLogger	dataLogger	22	17	117.9	390.9	273.0	1 1	1247	0.12721	0.12776	0.00055	0
78	FTR	dataLogger	dataLogger	22	18	100.7	347.2	246.5	1 1	1248	0.123	0.12416	0.00116	0
8	FTR	12/9/99	9:10	QC1A	1	101.5	412.1	310.6	1 1	425	0.11314	0.13021	0.01707	0
8	FTR	12/9/99	9:10	QC1B				0.0						

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9	FTR	12/13/99	9:08	cont. ck.	1	80.5	387.3	306.8	1 1	426	0.11154	0.12191	0.01037	0
9	FTR	12/13/99	9:10	QC2A	1	89.9	431.7	341.8	1 1	427	0.11222	0.12192	0.00970	0
10	FTR	12/13/99	9:10	QC2B										
14	FTR	1/11/00	19:22	QC3A	1	91.1	421.3	330.2	1 2	428	0.11181	0.1412	0.02939	0
14	FTR	1/11/00	19:22	QC3A	1	91.1	421.3	330.2	2 2	429	0.11181	0.14687	0.03506	0
14	FTR	1/11/00	19:22	QC3B		100.8	412	311.2	1 1	31	0.1157	0.1797	0.06400	1
22	FTR	1/17/00	10:33	QCsplitA		85	404.1	319.1	1 2	835	0.12079	0.12187	0.00108	0
22	FTR	1/17/00	10:33	QCsplitA		85	404.1	319.1	2 2	836	0.11832	0.12907	0.01075	0
????	FTR	1/17/00	10:33	QC3B		115.3	402.3	287.0	1 1	32	0.1155	0.1251	0.00960	0
22	FTR	1/17/00	10:33	QCsplitB										
25	FTR	1/22/00	15:40	QCsplitA		101.8	425	323.2	1 2	837	0.11643	0.11727	0.00084	0
25	FTR	1/22/00	15:40	QCsplitA		101.8	425	323.2	2 2	838	0.11332	0.1183	0.00498	0
????	FTR	1/22/00	15:40	QC3B		100.6	439.7	339.1	1 1	33	0.1144	0.1202	0.0058	0
25	FTR	1/22/00	15:40	QCsplitB										
32	FTR	1/31/00	16:27	QCsplitA		96.7	455.3	358.6	1 1	1082	0.12654	0.13338	0.00684	0
32	FTR	1/31/00	16:27	QCsplitB		96.6	435.1	338.5	1 2	141	0.1108	0.1119	0.00110	0
32	FTR	1/31/00	16:27	QCsplitB		96.6	435.1	338.5	2 2	142	0.1249	0.1308	0.00590	0
38	FTR	2/12/00	13:16	QCsplit1		101.5	390.2	288.7	1 2	1087	0.11771	0.11953	0.00182	0
38	FTR	2/12/00	13:16	QCsplit1		101.5	390.2	288.7	2 2	1088	0.1245	0.13272	0.00822	0
38	FTR	2/12/00	13:16	QCsplit2		101.5	389.3	287.8	1 2	158	0.1244	0.126	0.00160	0
38	FTR	2/12/00	13:16	QCsplit2		101.5	389.3	287.8	2 2	159	0.1088	0.1158	0.00700	0
38	FTR	2/14/00	13:37	QCsplit1		81.6	448.2	366.6	1 7	1089	0.1269	0.30893	0.18203	0
38	FTR	2/14/00	13:37	QCsplit1		81.6	448.2	366.6	2 7	1090	0.12566	0.16666	0.04100	0
38	FTR	2/14/00	13:37	QCsplit1		81.6	448.2	366.6	3 7	1091	0.11585	0.15746	0.04161	0
38	FTR	2/14/00	13:37	QCsplit1		81.6	448.2	366.6	4 7	1092	0.12506	0.1651	0.04004	0
38	FTR	2/14/00	13:37	QCsplit1		81.6	448.2	366.6	5 7	1093	0.12553	0.21294	0.08741	0
38	FTR	2/14/00	13:37	QCsplit1		81.6	448.2	366.6	6 7	1094	0.12487	0.19975	0.07488	0
38	FTR	2/14/00	13:37	QCsplit1		81.6	448.2	366.6	7 7	1095	0.11634	0.17772	0.06138	0
38	FTR	2/14/00	13:37	QCsplit2		98.5	456.9	358.4	1 7	143	0.1086	0.2992	0.19060	0
38	FTR	2/14/00	13:37	QCsplit2		98.5	456.9	358.4	2 7	144	0.1094	0.2013	0.09190	0
38	FTR	2/14/00	13:37	QCsplit2		98.5	456.9	358.4	3 7	145	0.1097	0.1474	0.03770	0
38	FTR	2/14/00	13:37	QCsplit2		98.5	456.9	358.4	4 7	146	0.1099	0.1441	0.03420	0
38	FTR	2/14/00	13:37	QCsplit2		98.5	456.9	358.4	5 7	147	0.1232	0.158	0.03480	0
38	FTR	2/14/00	13:37	QCsplit2		98.5	456.9	358.4	6 7	148	0.1093	0.1945	0.08520	0
38	FTR	2/14/00	13:37	QCsplit2		98.5	456.9	358.4	7 7	149	0.1096	0.1503	0.04070	0

Tur. Code	FTU Turbidity	Mg/l PPM	sand fraction	Stage	velocity width high or low	Velocity distance	Vel. time/sec	Comments										
0	46.6	33.801		1.510'														
0	45.4	28.380		1.510'				correlate										
0	42.9			1.510'				RSL split, correlate										
0	140	89.012						correlate										
0	140	106.185																
0	136	205.682						small amount of fiber stuck to glass tray										
0	39.6	3.385	X					QC split A										
		33.689						QC split A										
		33.450																
0	39.8	#DIV/0!						to RSL										
0	27.6	2.599	X					QC split A										
		15.409																
0	26.5	17.104						to RSL										
	26.5	#DIV/0!						to RSL										
0	35.4	19.074																
0	36.9	3.250	X					to RSL										
0		17.430																
0	27.9	6.304	X															
0		28.473																
0	29.2	5.559	X					to RSL										
		24.323																
0	913	496.689	X															
		111.846																
		113.510																
		109.227																
		238.470																
		204.281																
		167.448																
0	885	531.984	X					to RSL										
		256.458																
		105.197																
		95.430																
		97.104																
		237.758																
		113.568																

sign in page #	Location Sampled	Date Sampled	Time Sampled	Data Dump #	Bottle number	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total	Filter ID	Initial Filter Weight g	Final Filter Weight g	Sediment Wt.	Lab Code
38	FTR	2/14/00	16:38	QCsplit1		98.9	362.3	263.4	1 4	150	0.1089	0.1431	0.03420	0
38	FTR	2/14/00	16:38	QCsplit1		98.9	362.3	263.4	2 4	151	0.1242	0.149	0.02480	0
38	FTR	2/14/00	16:38	QCsplit1		98.9	362.3	263.4	3 4	152	0.1087	0.1764	0.06770	0
38	FTR	2/14/00	16:38	QCsplit1		98.9	362.3	263.4	4 4	153	0.1097	0.1595	0.04980	0
38	FTR	2/14/00	16:38	QCsplit2		98.8	380.4	281.6	1 4	1096	0.12386	0.17286	0.04900	0
38	FTR	2/14/00	16:38	QCsplit2		98.8	380.4	281.6	2 4	1097	0.12788	0.16632	0.03844	0
38	FTR	2/14/00	16:38	QCsplit2		98.8	380.4	281.6	3 4	1098	0.1271	0.18128	0.05418	0
38	FTR	2/14/00	16:38	QCsplit2		98.8	380.4	281.6	4 4	1099	0.11571	0.166	0.05029	0
38	FTR	2/14/00	8:40	QCsplit1		80.3	429.1	348.8	1 4	154	0.1085	0.2073	0.09880	0
38	FTR	2/14/00	8:40	QCsplit1		80.3	429.1	348.8	2 4	155	0.123	0.1527	0.02970	0
38	FTR	2/14/00	8:40	QCsplit1		80.3	429.1	348.8	3 4	156	0.1084	0.1282	0.01980	0
38	FTR	2/14/00	8:40	QCsplit1		80.3	429.1	348.8	4 4	157	0.1094	0.1577	0.04830	0
38	FTR	2/14/00	8:40	QCsplit2		101.7	423.4	321.7	1 4	1083	0.11656	0.18928	0.07272	0
38	FTR	2/14/00	8:40	QCsplit2		101.7	423.4	321.7	2 4	1084	0.125	0.15806	0.03306	0
38	FTR	2/14/00	8:40	QCsplit2		101.7	423.4	321.7	3 4	1085	0.128	0.15578	0.02778	0
38	FTR	2/14/00	8:40	QCsplit2		101.7	423.4	321.7	4 4	1086	0.12497	0.16061	0.03564	0
50	FTR	2/28/00	10:21	QCsplitA		81.5	400.1	318.6	1 4	1167	0.11433	0.12494	0.01061	0
50	FTR	2/28/00	10:21	QCsplitA		81.5	400.1	318.6	2 4	1168	0.11609	0.13493	0.01884	0
50	FTR	2/28/00	10:21	QCsplitA		81.5	400.1	318.6	3 4	1169	0.11631	0.12213	0.00582	0
50	FTR	2/28/00	10:21	QCsplitA		81.5	400.1	318.6	4 4	1170	0.11615	0.13883	0.02268	0
50	FTR	2/28/00	10:21	QCsplitB				0.0					0.00000	
64	FTR	3/19/00	16:51	QCsplitA		101.6	382.3	280.7	1 1	1100	0.12815	0.13078	0.00263	0
64	FTR	3/19/00	16:51	QCsplitB		101.2	363	261.8	1 1	436	0.1101	0.1123	0.00220	0
25	FTR	1/22/00	15:39	Clay check #1		100.6	443.1	342.5	1 1	801	0.11323	0.11973	0.00650	0
25	FTR	1/22/00	15:39	Clay check #2		103.4	472.5	369.1	1 2	F104	0.07189	0.07517	0.00328	0
25	FTR	1/22/00	15:39	Clay check #2		103.4	472.5	369.1	2 2	F105	0.06978	0.07692	0.00714	0
28	FTR	1/27/00	18:04	Clay check #1		82.4	446.9	364.5	1 1	802	0.11245	0.11596	0.00351	0
28	FTR	1/27/00	18:04	Clay check #2		103.5	505	401.5	1 2	F106	0.06775	0.07049	0.00274	0
28	FTR	1/27/00	18:04	Clay check #2		103.5	505	401.5	2 2	F107	0.06736	0.07206	0.00470	
32	FTR	1/31/00	16:26	Clay check #1		91.1	431.2	340.1	1 1	803	0.11145	0.11683	0.00538	0
32	FTR	1/31/00	16:26	Clay check #2		101.9	407.4	305.5	1 2	F108	0.06703	0.07218	0.00515	0
32	FTR	1/31/00	16:26	Clay check #2		101.9	407.4	305.5	2 2	F109	0.0667	0.07239	0.00569	0
38	FTR	2/12/00	13:17	Clay check #1		98.7	432.2	333.5	1 1	804	0.11494	0.12429	0.00935	0
38	FTR	2/12/00	13:17	Clay check #2		102.7	408.3	305.6	1 2	F110	0.06685	0.0701	0.00325	0
38	FTR	2/12/00	13:17	Clay check #2		102.7	408.3	305.6	2 2	F111	0.06925	0.07674	0.00749	0
38	FTR	2/14/00	8:41	Clay check #1		98.2	420.4	322.2	1 2	805	0.11362	0.18278	0.06916	0
38	FTR	2/14/00	8:41	Clay check #1		98.2	420.4	322.2	2 2	806	0.11448	0.1873	0.07282	0

Tur. Code	FTU Turbidity	Mg/l PPM	sand fraction	Stage	velocity width high or low	Velocity distance	Vel. time/sec	Comments										
0	467	129.851						to RSL										
		94.159																
		257.065																
		189.088	X															
0	458	174.025	X															
		136.517																
		192.424																
		178.607																
0	257	283.307	X					to RSL										
		85.154																
		56.768																
		138.487																
0	255	226.081	X															
		102.773																
		86.358																
		110.794																
0	92.8	33.303	X					QC split A										
		59.136																
		18.268						re-filter; contents of filter 1 burst										
		71.190						sample in funnel 2 too slow so poured into the fourth funnel										
0	99.4	#DIV/0!						to RSL										
0	23.4	9.369						obs-3 26										
0	23.5	8.403						to RSL; QC split; on side of bottle: 01-H-02										
0	26.4	18.978						correlate; check with 0.22 micron										
0	21.8	8.887						filter 0.22; +1 micron										
		19.345																
0	18.5	9.630																
0	19.3	6.824						0.22 filter										
		11.706																
0	34.7	15.819						correlate; SSC worksheet calculation differs from spreadsheet calculation greatly @ 29.6 PPM										
0	35.4	16.858						0.22 filter										
		18.625																
0	28.2	28.036																
0	28.9	10.635						0.22 filter										
		24.510																
0	252	214.678																
		226.040																

sign in page #	Location Sampled	Date Sampled	Time Sampled	Data Dump #	Bottle number	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total	Filter ID	Initial Filter Weight g	Final Filter Weight g	Sediment Wt.	Lab Code
38	FTR	2/14/00	8:41	Clay check #2		100.5	450.2	349.7	1 4	F112	0.07202	0.12212	0.0501	0
38	FTR	2/14/00	8:41	Clay check #2		100.5	450.2	349.7	2 4	F113	0.06821	0.12962	0.06141	
38	FTR	2/14/00	8:41	Clay check #2		100.5	450.2	349.7	3 4	F114	0.06638	0.1103	0.04392	
38	FTR	2/14/00	8:41	Clay check #2		100.5	450.2	349.7	4 4	F115	0.06602	0.10247	0.03645	
38	FTR	2/14/00	13:40	Clay check #1		103.7	416.6	312.9	1 4	807	0.1133	0.26743	0.15413	0
38	FTR	2/14/00	13:40	Clay check #1		103.7	416.6	312.9	2 4	808	0.11337	0.1835	0.07013	
38	FTR	2/14/00	13:40	Clay check #1		103.7	416.6	312.9	3 4	809	0.11477	0.18675	0.07198	
38	FTR	2/14/00	13:40	Clay check #1		103.7	416.6	312.9	4 4	810	0.11646	0.17139	0.05493	
38	FTR	2/14/00	13:40	Clay check #2		101.4	462.9	361.5	1 6	F118	0.06994	0.25327	0.18333	4
38	FTR	2/14/00	13:40	Clay check #2		101.4	462.9	361.5	2 6	F119	0.07331	0.1003	0.02699	
38	FTR	2/14/00	13:40	Clay check #2		101.4	462.9	361.5	3 6	F120	0.07043	0.11966	0.04923	
38	FTR	2/14/00	13:40	Clay check #2		101.4	462.9	361.5	4 6	F121	0.06722	0.11759	0.05037	
38	FTR	2/14/00	13:40	Clay check #2		101.4	462.9	361.5	5 6	F122	0.06562	0.18384	0.11822	
38	FTR	2/14/00	13:40	Clay check #2		101.4	462.9	361.5	6 6	F123	0.0659	0.14089	0.07499	
38	FTR	2/14/00	16:39	Clay check #1		89.4	393.4	304.0	1 4	F116	0.06657	0.12898	0.06241	0
38	FTR	2/14/00	16:39	Clay check #1		89.4	393.4	304.0	2 4	F117	0.06645	0.11996	0.05351	
38	FTR	2/14/00	16:39	Clay check #1		89.4	393.4	304.0	3 4	F124	0.0657	0.11814	0.05244	
38	FTR	2/14/00	16:39	Clay check #1		89.4	393.4	304.0	4 4	F125	0.06614	0.12211	0.05597	
38	FTR	2/14/00	16:39	Clay check #2		86.9	373.4	286.5	1 4	812	0.11427	0.16732	0.05305	0
38	FTR	2/14/00	16:39	Clay check #2		86.9	373.4	286.5	2 4	813	0.11061	0.14309	0.03248	
38	FTR	2/14/00	16:39	Clay check #2		86.9	373.4	286.5	3 4	814	0.11164	0.15568	0.04404	
38	FTR	2/14/00	16:39	Clay check #2		86.9	373.4	286.5	4 4	815	0.11503	0.18897	0.07394	
64	FTR	3/19/00	16:53	Clay check #1		113.3	401.2	287.9	1 1	816	0.11392	0.11647	0.00255	0
64	FTR	3/19/00	16:53	Clay check #2		115.5	377.1	261.6	1 2	F126	0.069	0.07053	0.00153	0
64	FTR	3/19/00	16:53	Clay check #2		115.5	377.1	261.6	2 2	F127	0.07227	0.07717	0.0049	
	FTR							0.0						
	FTR							0.0						
	FTR							0						
	FTR													
	FTR													

Quality Control Split Samples with Redwood Sciences Lab

Freshwater Creek at Terry Roelofs-120 Pacific Lumber Camp Road (FTR)

Humboldt County, California

Hydrologic Year 00

Compiled by L. Gagnon and Clark Fenton

Grab Sampling: Turbidity / Suspended Sediment Data - provisional

Salmon Forever / Sunny Brae Sediment Lab

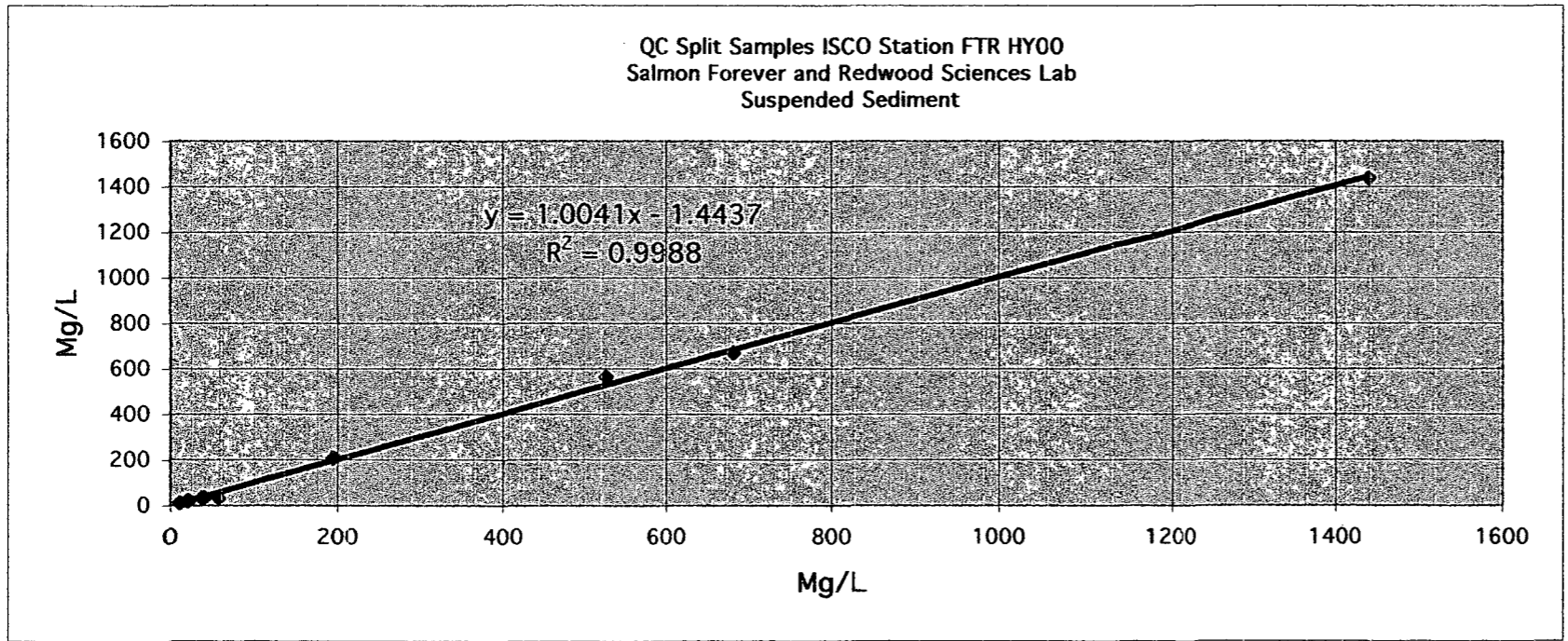
sign in page #	Loc	Date	Time	Data Dump #	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total	Filter ID	Initial Filter Weight g	Final Filter Weight g	Sediment Wt.	Lab Code	Tur. Code	FTU Turbidity	Mg/l PPM	Total Mg/L	sand fraction
?	FTR	12/13/00	9:08	cont. ck.	80.5	387.3	306.8	1 1	426	0.11154	0.12191	0.01037	0			33.8	33.8	
8	FTR	12/13/00	9:10	QC1A	101.5	412.1	310.6	1 1	425	0.11314	0.13021	0.01707	0	0	66.1	55.0	55.0	
9	FTR	12/13/00	9:10	QC2A	89.9	431.7	341.8	1 1	427	0.11222	0.12192	0.00970	0	0	45.4	28.4	28.4	
14	FTR	01/11/00	19:22	QC3A	91.1	421.3	330.2	1 2	428	0.11181	0.1412	0.02939	0	0	140	89.0		
14				QC3A	91.1	421.3	330.2	2 2	429	0.11181	0.14687	0.03506	0	0		106.2	195.2	
14	FTR	01/11/00	19:22	QC3B	100.8	412	311.2	1 1	31	0.1157	0.1797	0.06400	1	0	136	205.7	205.7	
22	FTR	01/17/00	10:33	QCsplitA	85	404.1	319.1	1 2	835	0.12079	0.12187	0.00108	0	0	39.6	3.4		X
22				QCsplitA	85	404.1	319.1	2 2	836	0.11832	0.12907	0.01075	0			33.7	37.1	
22	FTR	01/17/00	10:33	QCsplitB	115.3	402.3	287.0	1 1	32	0.1155	0.1251	0.00960	0	0	39.8	33.5	33.5	
22	FTR	01/17/00	10:33															
25	FTR	01/22/00	15:40	QCsplitA	101.8	425	323.2	1 2	837	0.11643	0.11727	0.00084	0	0	27.6	2.6		X
25				QCsplitA	101.8	425	323.2	2 2	838	0.11332	0.1183	0.00498	0			15.4	18.0	
????	FTR	01/22/00	15:40	QC3B	100.6	439.7	339.1	1 1	33	0.1144	0.1202	0.0058	0	0	26.5	17.1	17.1	
25	FTR	01/22/00	15:40	QCsplitB														
32	FTR	01/31/00	16:27	QCsplitA	96.7	455.3	358.6	1 1	1082	0.12654	0.13338	0.00684	0	0	35.4	19.1	19.1	
32	FTR	01/31/00	16:27	QCsplitB	96.6	435.1	338.5	1 2	141	0.1108	0.1119	0.00110	0	0	36.9	3.2		X
32				QCsplitB	96.6	435.1	338.5	2 2	142	0.1249	0.1308	0.00590	0	0		17.4	20.6	
38	FTR	02/12/00	13:16	QCsplit1	101.5	390.2	288.7	1 2	1087	0.11771	0.11953	0.00182	0	0	27.9	6.3		X
38				QCsplit1	101.5	390.2	288.7	2 2	1088	0.1245	0.13272	0.00822	0	0		28.5	34.8	
38	FTR	02/12/00	13:16	QCsplit2	101.5	389.3	287.8	1 2	158	0.1244	0.126	0.00160	0	0	29.2	5.6		X
38				QCsplit2	101.5	389.3	287.8	2 2	159	0.1088	0.1158	0.00700	0			24.3	29.9	
38	FTR	02/14/00	13:37	QCsplit1	81.6	448.2	366.6	1 7	1089	0.1269	0.30893	0.18203	0	0	913	496.7		X
38				QCsplit1	81.6	448.2	366.6	2 7	1090	0.12566	0.16666	0.04100	0			111.8		
38				QCsplit1	81.6	448.2	366.6	3 7	1091	0.11585	0.15746	0.04161	0			113.5		
38				QCsplit1	81.6	448.2	366.6	4 7	1092	0.12506	0.1651	0.04004	0			109.2		

QC split by C. Fenton by setting ISCO top on enclosure shelf							
2 isco bottles held side by side are passed under output of distribution tube with ISCO set on forward pump							
Type	Time	Stage	Comments				
ISCO			contamination check				
ISCO	9:10		sunnybrae Lab, split, correlate				
ISCO	9:10	1.510'	correlate				
ISCO	19:22		correlate				
ISCO	19:22						
ISCO			small amount of fiber stuck to glass tray				
ISCO			QC split A				
ISCO			QC split A				
ISCO			to RSL				
ISCO			QC split A				
ISCO							
ISCO			to RSL				
ISCO							
ISCO	16:27						
ISCO			to RSL				
ISCO							
ISCO							
ISCO			to RSL				
ISCO							
ISCO							
ISCO							
ISCO							

38				QCsplit1	81.6	448.2	366.6	5 7	1093	0.12553	0.21294	0.08741	0			238.5		
38				QCsplit1	81.6	448.2	366.6	6 7	1094	0.12487	0.19975	0.07488	0			204.3		
38				QCsplit1	81.6	448.2	366.6	7 7	1095	0.11634	0.17772	0.06138	0			167.4	1441.4	
38	FTR	02/14/00	13:37	QCsplit2	98.5	456.9	358.4	1 7	143	0.1086	0.2992	0.19060	0	0	885	532.0		X
38				QCsplit2	98.5	456.9	358.4	2 7	144	0.1094	0.2013	0.09190	0			256.5		
38				QCsplit2	98.5	456.9	358.4	3 7	145	0.1097	0.1474	0.03770	0			105.2		
38				QCsplit2	98.5	456.9	358.4	4 7	146	0.1099	0.1441	0.03420	0			95.4		
38				QCsplit2	98.5	456.9	358.4	5 7	147	0.1232	0.158	0.03480	0			97.1		
38				QCsplit2	98.5	456.9	358.4	6 7	148	0.1093	0.1945	0.08520	0			237.8		
38				QCsplit2	98.5	456.9	358.4	7 7	149	0.1096	0.1503	0.04070	0			113.6	1437.6	
38	FTR	02/14/00	16:38	QCsplit1	98.9	362.3	263.4	1 4	150	0.1089	0.1431	0.03420	0	0	467	129.9		
38				QCsplit1	98.9	362.3	263.4	2 4	151	0.1242	0.149	0.02480	0			94.2		
38				QCsplit1	98.9	362.3	263.4	3 4	152	0.1087	0.1764	0.06770	0			257.1		
38				QCsplit1	98.9	362.3	263.4	4 4	153	0.1097	0.1595	0.04980	0			189.1	670.3	X
38	FTR	02/14/00	16:38	QCsplit2	98.8	380.4	281.6	1 4	1096	0.12386	0.17286	0.04900	0	0	458	174.0		X
38				QCsplit2	98.8	380.4	281.6	2 4	1097	0.12788	0.16632	0.03844	0			136.5		
38				QCsplit2	98.8	380.4	281.6	3 4	1098	0.1271	0.18128	0.05418	0			192.4		
38				QCsplit2	98.8	380.4	281.6	4 4	1099	0.11571	0.166	0.05029	0			178.6	681.5	
38	FTR	02/14/00	8:40	QCsplit1	80.3	429.1	348.8	1 4	154	0.1085	0.2073	0.09880	0	0	257	283.3		X
38				QCsplit1	80.3	429.1	348.8	2 4	155	0.123	0.1527	0.02970	0			85.2		
38				QCsplit1	80.3	429.1	348.8	3 4	156	0.1084	0.1282	0.01980	0			56.8		
38				QCsplit1	80.3	429.1	348.8	4 4	157	0.1094	0.1577	0.04830	0			138.5	563.8	
38	FTR	02/14/00	8:40	QCsplit2	101.7	423.4	321.7	1 4	1083	0.11656	0.18928	0.07272	0	0	255	226.1		X
38				QCsplit2	101.7	423.4	321.7	2 4	1084	0.125	0.15806	0.03306	0			102.8		
38				QCsplit2	101.7	423.4	321.7	3 4	1085	0.128	0.15578	0.02778	0			86.4		
38				QCsplit2	101.7	423.4	321.7	4 4	1086	0.12497	0.16061	0.03564	0			110.8	526.1	
50	FTR	02/28/00	10:21	QCsplitA	81.5	400.1	318.6	1 4	1167	0.11433	0.12494	0.01061	0	0	92.8	33.3		X
50				QCsplitA	81.5	400.1	318.6	2 4	1168	0.11609	0.13493	0.01884	0			59.1		
50				QCsplitA	81.5	400.1	318.6	3 4	1169	0.11631	0.12213	0.00582	0			18.3		
50				QCsplitA	81.5	400.1	318.6	4 4	1170	0.11615	0.13883	0.02268	0			71.2	181.9	
50	FTR	02/28/00	10:21	QCsplitB									0		99.4			
64	FTR	03/19/00	16:51	QCsplitA	101.6	382.3	280.7	1 1	1100	0.12815	0.13078	0.00263	0	0	23.4	9.4	9.4	
64	FTR	03/19/00	16:51	QCsplitB	101.2	363	261.8	1 1	436	0.1101	0.1123	0.00220	0	0	23.5	8.4	8.4	

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ISCO							
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ISCO							
ISCO							
ISCO							
ISCO							
ISCO			QC split A				
ISCO							
ISCO			re-filter; contents of filter 1 burst				
ISCO			sample in funnel 2 too slow so poured into the 4th funnel				
			to RSL	no ssc ?			
ISCO			obs-3 26				
ISCO			to RSL; QC split; on side of bottle: 01-H-02				

SF	RSL
55	28.4
195.2	205.7
37.1	33.5
18	17.1
19.1	20.6
34.8	29.9
1441.1	1437.6
681.5	670.3
526.1	563.8
9.4	8.4



North Fork Elk River (KRW)

Hydrologic Year 2000

Compiled by S. Farhi Kristi Wrigley Property - 2550 Wrigley Rd. Eureka / Humboldt County, California

Turbidity / Suspended Sediment Data - Grab Sampling provisional

Checked By C. Fenton Salmon Forever / Sunny Brae Sediment Lab

Agricultural pump intake

Sign-In Sheet	Data Sheet	Location	Date	Time	Type	Tare Bottle	Total Bottle	Volume/	Filter	Filter	Initial Filter	Final Filter	Sediment	Lab	Tur.	FTU	Total
Page #	#	Sampled	Sampled	Sampled	Container	Weight g	Weight g	Bottle Wt.	Total	ID	Weight g	Weight g	Wt.	Code	Code	Turbidity	Mg/L
3	8	KRW	11/10/99	9:00	Hach Cell	17.9	34.9	17.0	1 1	81	0.11751	0.11782	0.00031	0	0	23.90	18.24
3	8	KRW	11/11/99	9:00	GLASS SODA	307.3	821.0	513.7	1 1	91	0.11679	0.12648	0.00969	0	0	31.30	18.86
43		KRW	11/11/99	12:00	Hach Cell										0	too low	
3	8	KRW	11/12/99	9:00	GLASS SODA	303.1	879.4	576.3	1 1	90	0.11684	0.12108	0.00424	0	0	9.75	7.36
3	14	KRW	11/16/99	9:00	GLASS SODA	220.8	524.1	303.3	1 1	199	0.10573	0.11584	0.01011	0	0	30.00	33.33
	8	KRW	11/16/99	17:08	GLASS SODA	220.5	580.9	360.4	1 1	89	0.11746	0.12588	0.00842	0	0	23.90	23.36
3	8	KRW	11/17/99	9:00	GLASS SODA	221.4	550.0	328.6	1 1	92	0.11971	0.12730	0.00759	0	0	56.60	23.10
8	14	KRW	11/19/99	9:00	GLASS SODA	219.6	553.3	333.7	1 1	202	0.10579	0.11214	0.00635	0	0	13.90	19.03
8	14	KRW	11/23/99	10:00	GLASS SODA	220.9	556.5	335.6	1 1	204	0.10396	0.10592	0.00196	0	0	10.30	5.84
8	14	KRW	11/26/99	9:00	GLASS SODA	220.4	554.7	334.3	1 1	205	0.10654	0.10860	0.00206	0	0	6.15	6.16
8	14	KRW	11/27/99	9:00	GLASS SODA	220.2	570.6	350.4	1 1	206	0.10736	0.10947	0.00211	0	0	4.98	6.02
8	14	KRW	11/30/99	10:00	GLASS SODA	219.6	591.2	371.6	1 1	210	0.10559	0.14295	0.03736	0	0	102.00	100.54
8	16	KRW	12/1/99	10:00	GLASS SODA	220.7	564.1	343.4	1 2	281	0.11002	0.12266	0.01264	0	0	84.70	36.81
									2 2	282	0.11057	0.12950	0.01893	0			
43		KRW	1/11/00	7:30	Hach Cell										0	959.00	
43		KRW	2/5/00	12:00	Hach Cell										0	68.80	
57		KRW	2/20/00	17:00	Hach Cell										0	12.60	
57		KRW	2/20/00	17:30	Hach Cell										0	22.90	
57		KRW	2/21/00	17:30	Hach Cell										0	11.80	
57		KRW	2/21/00	18:00	Hach Cell										0	37.20	
57		KRW	2/27/00	15:45	Hach Cell										0	152.00	
57		KRW	2/27/00	16:00	Hach Cell										0	178.00	
65		KRW	3/5/00	16:00	Hach Cell										0	50.80	
65		KRW	3/12/00	16:00	Hach Cell										0	40.30	
65		KRW	3/18/00	17:30	Hach Cell										0	28.40	
67		KRW1	4/14/00	2:15	ISCO			0.0							0	8.45	
67		KRW2	4/14/00	8:15	ISCO			0.0							0	6.89	
67		KRW3	4/14/00	14:15	ISCO			0.0							0	6.70	
67		KRW4	4/14/00	20:15	ISCO			0.0							0	5.94	

C.F.
178.00
50.80

Date	Time	Raw Stage	Stage	Vel. Strand	Velocity	Velocity	Comments
Sampled	Sampled	Ft.	Ft.	hi or lo	distance	sec.	
11/10/99	9:00						Pump North Fork
11/11/99	9:00						2.5 not PUMPABLE
11/11/99	12:00						water level too low
11/12/99	9:00						2 1/3' Pumpable
11/16/99	9:00	18.3					> 1.1 rain, strong H2S smell
11/16/99	17:08						>or= 1.1" Rain-Pump N Fork, Sign IN sheet says 9:00
11/17/99	9:00						Pump N Fork
11/19/99	9:00						post rain .6"
11/23/99	10:00						post rain
11/26/99	9:00						Post hard rain, Pumpable AM, stage is from center rail bridge
11/27/99	9:00						Post -no rain- 1 day, stage down from top¢er upstream rail
11/30/99	10:00						post rain 1.6" 14 Hours
12/1/99	10:00						POST RAIN
1/11/00	7:30						KRW1
2/5/00	12:00						70.3" rain
2/20/00	17:00						KRW5
2/20/00	17:30						KRW6
2/21/00	17:30						KRW7
2/21/00	18:00						KRW8
2/27/00	15:45						
2/27/00	16:00						KRW9
3/5/00	16:00						NO RAIN 5
3/12/00	16:00						
3/18/00	17:30						
4/14/00	2:15						No stage or vel. Taken except 1 complete discharge on
4/14/00	8:15						Samples not run yet for ssc
4/14/00	14:15						
4/14/00	20:15						

Sign-in Sheet	Data Sheet	Location	Date	Time	Type	Tare Bottle	Total Bottle	Volume/	Filter	Filter	Initial Filter	Final Filter	Sediment	Lab	Tur.	FTU	Total
Page #	#	Sampled	Sampled	Sampled	Container	Weight g	Weight g	Bottle Wt.	Total	ID	Weight g	Weight g	Wt.	Code	Code	Turbidity	Mg/L
67		KRW5	4/15/00	2:15	ISCO			0.0							0	4.82	
67		KRW6	4/15/00	8:15	ISCO			0.0							0	5.57	
67		KRW7	4/15/00	14:15	ISCO			0.0							0	6.75	
67		KRW1	4/15/00	19:00	ISCO			0.0							0	6.27	
67		KRW2	4/15/00	21:00	ISCO			0.0							0	6.35	
67		KRW3	4/15/00	23:00	ISCO			0.0							0	5.18	
67		KRW4	4/16/00	1:00	ISCO			0.0							0	5.31	
67		KRW5	4/16/00	3:00	ISCO			0.0							0	5.26	
67		KRW6	4/16/00	5:00	ISCO			0.0							0	6.45	
67		KRW7	4/16/00	7:00	ISCO			0.0							0	8.44	
67		KRW8	4/16/00	9:00	ISCO			0.0							0	9.04	
67		KRW9	4/16/00	11:00	ISCO			0.0							0	6.61	
67		KRW10	4/16/00	13:00	ISCO			0.0					0.00000		0	7.4	
67		KRW11	4/16/00	15:00	ISCO			0.0					0.00000		0	7.98	
68		KRW12	4/16/00	17:00	ISCO			0.0					0.00000		0	11	
68		KRW13	4/16/00	19:00	ISCO			0.0					0.00000		0	14.6	
68		KRW14	4/16/00	21:00	ISCO			0.0					0.00000		0	31.2	
68		KRW15	4/16/00	23:00	ISCO			0.0					0.00000		0	43.8	
68		KRW16	4/17/00	1:00	ISCO			0.0					0.00000		0	49.5	
68	3	KRW17	4/17/00	3:00	ISCO	102.7	333	230.3	1 1	28	0.11164	0.13483	0.02319	0	0	68.6	100.70
68	3	KRW18	4/17/00	5:00	ISCO	104	371.2	267.2	1 2	29	0.11343	0.12856	0.01513	0	0	85.6	56.63
						104	371.2	267.2	2 2	30	0.11311	0.13329	0.02018	0	0		75.53
													0.00000			Total	132.16
68		KRW19	4/17/00	7:00	ISCO			0.0					0.00000		0	89.5	
68	3	KRW20	4/17/00	9:00	ISCO	101.3	395.2	293.9	1 2	31	0.10208	0.14208	0.04000	0	0	119	136.11
						101.3	395.2	293.9	2 2	32	0.11224	0.12707	0.01483	0			50.46
																Total	186.6
68	3	KRW21	4/17/00	11:00	ISCO	86.4	362.4	276.0	1 2	33	0.11273	0.14373	0.03100	0	0	154	112.33
						86.4	362.4	276.0	2 2	34	0.10181	0.1321	0.03029	0			109.75
																Total	222.1
68		KRW22	4/17/00	13:00	ISCO			0.0							0	109	
68	3	KRW23	4/17/00	15:00	ISCO	98.1	379.9	281.8	1 2	35	0.11233	0.13816	0.02583	0	0	107	91.67
						98.1	379.9	281.8	2 2	36	0.11209	0.13079	0.01870	0			66.36
																Total	158.03
68		KRW24	4/17/00	17:00	ISCO			0.0							0	131	
	3	KRW	4/17/00	19:10	Hach Cell	17.9	34.2	16.3	1 1	37	0.11319	0.11809	0.00490	0	0	242	300.67
68	3	KRW1A	4/17/00	20:00	ISCO	100.6	392.7	292.1	1 2	38	0.11108	0.17739	0.06631	0	0	307	227.04
						100.6	392.7	292.1	2 2	39	0.11121	0.16655	0.05534	0			189.48
																Total	416.5

Date	Time	Raw Stage	Stage	Vel. Strand	Velocity	Velocity	Comments			
Sampled	Sampled	Ft.	Ft.	hi or lo	distance	sec.				
4/15/00	2:15									
4/15/00	8:15									
4/15/00	14:15	19.8					FALLING			
4/15/00	19:00									
4/15/00	21:00									
4/15/00	23:00									
4/16/00	1:00									
4/16/00	3:00									
4/16/00	5:00									
4/16/00	7:00									
4/16/00	9:00									
4/16/00	11:00									
4/16/00	13:00									
4/16/00	15:00									
4/16/00	17:00									
4/16/00	19:00									
4/16/00	21:00									
4/16/00	23:00									
4/17/00	1:00									
4/17/00	3:00						PROCESSED HY01			
4/17/00	5:00						kept - processed hy 01			
4/17/00	5:00									
4/17/00	7:00									
4/17/00	9:00									
4/17/00	11:00						processed hy 01			
4/17/00	11:00						processed hy 01			
4/17/00	13:00									
4/17/00	15:00									
4/17/00	17:00						processed hy01			
4/17/00	19:10						processed hyo1			
4/17/00	20:00									
							processed hy 01			

Sign-In Sheet	Data Sheet	Location	Date	Time	Type	Tare Bottle	Total Bottle	Volume/	Filter	Filter	Initial Filter	Final Filter	Sediment	Lab	Tur.	FTU	Total
Page #	#	Sampled	Sampled	Sampled	Container	Weight g	Weight g	Bottle Wt.	Total	ID	Weight g	Weight g	Wt.	Code	Code	Turbidity	Mg/L
68	3	KRW2A	4/17/00	21:33	ISCO	101.5	420.8	319.3	1 2	42	0.11075	0.20672	0.09597	0	0	493	300.62
						101.5	420.8	319.3	2 2	43	0.10207	0.19307	0.09100	0			285.05
																Total	585.7
68		KRW3A	4/17/00	23:33	ISCO			0.0							0	350	
68	3	KRW4A	4/18/00	1:33	ISCO	101.9	428.6	326.7	1 2	44	0.11323	0.16593	0.05270	0	0	254	161.33
						101.9	428.6	326.7	2 2	45	0.11334	0.16493	0.05159	0			157.93
																Total	319.3
69	3	KRW5A	4/18/00	3:33	ISCO	100	392.4	292.4	1 2	46	0.10188	0.13892	0.03704	0	0	175	126.69
						100	392.4	292.4	2 2	47	0.11159	0.14456	0.03297	0			112.76
																Total	239.5
69		KRW6A	4/18/00	5:33	ISCO			0.0							0	132	
69		KRW7A	4/18/00	7:33	ISCO			0.0							0	105	
69	3	KRW8A	4/18/00	9:33	ISCO	85.2	374.1	288.9	1 2	48	0.1118	0.12309	0.01129	0	0	79.5	39.08
						85.2	374.1	288.9	2 2	49	0.11309	0.13833	0.02524	0			87.37
																Total	126.5
69		KRW9A	4/18/00	11:33	ISCO			0.0							0	76.9	
69		KRW10A	4/18/00	13:33	ISCO			0.0							0	69	
69		KRW11A	4/18/00	15:33	ISCO			0.0							0	63.2	
69	3	KRW12A	4/18/00	17:33	ISCO	101.7	354.9	253.2	1 1	50	0.10243	0.12376	0.02133	0	0	58.3	84.25
69	3	KRW13A	4/18/00	19:33	ISCO	81.9	285.7	203.8	1 2	51	0.11142	0.1201	0.00868	0	0	50.8	42.59
						81.9	285.7	203.8	2 2	52	0.1108	0.11747	0.00667	0			32.73
																Total	75.32
69	3	KRW14A	4/18/00	21:33	ISCO	102.1	319.1	217.0	1 1	53	0.11344	0.1292	0.01576	0	0	49.6	72.63
69		KRW15A	4/18/00	23:33	ISCO			0.0							0	48.3	
69		KRW16A	4/19/00	1:33	ISCO			0.0							0	46	
69	3	KRW17A	4/19/00	3:33	ISCO	103.4	342.4	239.0	1 1	54	0.10215	0.11699	0.01484	0	0	45.7	62.09
69		KRW18A	4/19/00	5:33	ISCO			0.0							0	41.6	
69		KRW19A	4/19/00	7:33	ISCO			0.0							0	39.1	
69		KRW20A	4/19/00	9:33	ISCO			0.0							0	37.5	
69		KRW21A	4/19/00	11:33	ISCO			0.0							0	35.1	
69		KRW22A	4/19/00	13:33	ISCO			0.0							0	35.9	
69		KRW23A	4/19/00	15:33	ISCO			0.0							0	31.7	
69	3	KRW24A	4/19/00	17:33	ISCO	100.8	370.5	269.7	1 1	55	0.11102	0.12157	0.01055	0	0	33.1	39.12

Date	Time	Raw Stage	Stage	Vel. Strand	Velocity	Velocity	Comments				
Sampled	Sampled	Ft.	Ft.	hi or lo	distance	sec.					
4/17/00	21:33										
							processed hy01				
4/17/00	23:33										
4/18/00	1:33										
							processed hy 01				
4/18/00	3:33										
							processed hy 01				
4/18/00	5:33										
4/18/00	7:33										
4/18/00	9:33										
							processed hy 01				
4/18/00	11:33										
4/18/00	13:33										
4/18/00	15:33										
4/18/00	17:33						HACH 54.8NTU 4/18/00 19:50 processed hy 01				
4/18/00	19:33	6.6'					FALLING FROM ALDER BRANCH Price AA 19:22 to 19:48				
							processed hy01				
4/18/00	21:33						PEAK 3'1" ABOVE PRESENT LEVEL processed hy01				
4/18/00	23:33										
4/19/00	1:33										
4/19/00	3:33						processed hy01				
4/19/00	5:33										
4/19/00	7:33										
4/19/00	9:33										
4/19/00	11:33										
4/19/00	13:33										
4/19/00	15:33										
4/19/00	17:33						processed hyo1				

North Fork Elk River (NF/ NFELK)																	
Hydrologic Year 2000																	
Compiled by S. Farhi and Clark Fenton				Elk River Bridge #4C-57 / Elk River Rd. # 3J305 PM 3.38 / Humboldt County, California													
Turbidity / Suspended Sediment Data - Grab Sampling - provisional																	
Checked By C. Fenton				Salmon Forever / Sunny Brae Sediment Lab													
Sign-In Sheet	Data Sheet	Location	Date	Time	Type	FTU	Tare Bottle	Total Bottle	Volume/	Filter	Filter	Initial Filter	Final Filter	Sediment	Lab	Tur.	FTU
Page #	#	Sampled	Sampled	Sampled	Container	Turbidity	Weight g	Weight g	Bottle Wt.	Total	ID	Weight g	Weight g	Wt.	Code	Code	Turbidity
		NF ELK	10/24/99														
3	8	NF ELK	11/9/99	9:25	Hach Cell	3.52	18.1	36.4	18.3	1 1	80	0.11776	0.11791	0.00015	0	0	3.52
3	8	NF ELK	11/10/99	8:50	Hach Cell	7.20	18.3	35.4	17.1	1 1	82	0.11702	0.11694	-0.00008	2	0	7.20
3	8	NF ELK	11/12/99	9:25	Hach Cell	11.30	18.3	36.5	18.2	1 1	83	0.11680	0.11660	-0.00020	2	0	11.30
3	8	NF ELK	11/16/99	9:45	Hach Cell	17.10	18.4	35.3	16.9	1 1	84	0.11714	0.11727	0.00013	0	0	17.10
		NF ELK	11/16/99	12:40													
4	8	NF ELK	11/16/99	17:00	Hach Cell	99.00	18.1	37.1	19.0	1 1	85	0.11687	0.11737	0.00050	0	0	99.00
4	8	NF ELK	11/17/99	8:45	Hach Cell	79.10	18.1	37.3	19.2	1 1	86	0.11809	0.11820	0.00011	0	0	79.10
4	8	NF ELK	11/18/99	9:55	Hach Cell	23.60	18.4	37.9	19.5	1 1	87	0.11603	0.11579	-0.00024	2	0	23.60
5	10	NFELK	11/19/99	10:10	Hach Cell	14.10	17.9	35.1	17.2	1 1	142	0.10556	0.10528	-0.00028	2	0	14.10
5	10	NFELK	11/19/99	21:00	Hach Cell	166.00	17.7	36.8	19.1	1 1	146	0.10409	0.10556	0.00147	0	0	166.00
5	10	NFELK	11/20/99	13:15	Hach Cell	38.40	17.6	35.9	18.3	1 1	143	0.10757	0.10754	-0.00003	2	0	38.40
5	10	NFELK	11/22/99	9:50	Hach Cell	19.50	17.6	35.1	17.5	1 1	144	0.10740	0.10729	-0.00011	2	0	19.50
5	10	NFELK	11/25/99	9:45	Hach Cell	6.11	17.6	36.3	18.7	1 1	147	0.10690	0.10653	-0.00037	2	0	6.11
5	10	NFELK	11/29/99	10:00	Hach Cell	5.68	17.8	35.8	18.0	1 1	145	0.10711	0.10662	-0.00049	2	0	5.68
		NFELK	11/29/99	21:00													
6	10	NFELK	11/30/99	9:30	Hach Cell	128.00	18.0	38.1	20.1	1 1	149	0.10803	0.10941	0.00138	0	0	128.00
6	10	NFELK	11/30/99	16:30	Hach Cell	436.00	17.8	36.8	19.0	1 1	150	0.10647	0.11300	0.00653	0	0	436.00
6	10	NFELK	12/1/99	9:20	Hach Cell	94.00	17.7	37.7	20.0	1 1	151	0.10374	0.10522	0.00148	0	0	94.00
6	10	NFELK	12/2/99	10:00	Hach Cell	70.40	17.8	37.2	19.4	1 1	152	0.10538	0.10621	0.00083	0	0	70.40

North Fork Elk River (NF/ NFEK)									
Hydrologic Year 2000									
Elk River Bridge #4C-57 / Elk River Rd. # 3J305 PM 3.38 / Humboldt County, California									
Turbidity / Suspended Sediment Data - Grab Sampling - provisional									
Salmon Forever / Sunny Brae Sediment Lab									
Stage is measured at staff plate							staff plate = 21.06 - rail		
Raw stage is measured inches down from bridge rail									
Total	Date	Time	Raw Stage	Stage	Vel. Strand	Velocity	Velocity	Floating Object velocity	
Mg/L	Sampled	Sampled	Ft.	Ft.	hi or lo	distance	sec.	Comments	
								Discharge	
8.20	11/9/99	9:25	20.66	0.4				2.52NTU on Sign in Stream Width 13'	
-4.68	11/10/99	8:50	19.4	1.66	Hi	21.25'	39	Peak, 1.8" rain since last measure on 11/8	
-10.99	11/12/99	9:25	20	1.06	Hi	21.25'	55	Velocity is .54 ft/sec	
7.69	11/16/99	9:45	20.3	0.76				.95" of rain since 11/12 river water is clear but black	
	11/16/99	12:40	19.3	1.76		.53'	1	Rising. .5" of rain since 11/16 @ 9:45	
26.32	11/16/99	7:12	18.9	2.16		.61'	1	Rising	
5.73	11/17/99	8:45	18.6	2.46		1.18'	1	Peak Stage, .15" rain since 11/16	
-12.31	11/18/99	9:55	18.2	2.86		.85'	1	Falling, 0" of rain since 11/17	
-16.28	11/19/99	10:10	19.3	1.76			32		
76.97	11/19/99	21:00							
-1.64	11/20/99	13:15	17.3	3.76			18.5		
-6.29	11/22/99	9:50	18.2	2.86					
-19.79	11/25/99	9:45	18.5	2.56			29		
							25.4		
-27.22	11/29/99	10:00	19.8	1.26			45.5		
	11/29/99	21:00	18	3.06					
68.66	11/30/99	9:30	13.9	7.16			12	filter 148 DISCARDED	
							9		
							15		
343.76	11/30/99	16:30	10.9	10.16				Date sheet says NTU is 43.0 D= 18.9'	
74.00	12/1/99	9:20	13.9	7.16			10	D = 18.2 '	
							13		
							10		
42.78	12/2/99	10:00	10.4	10.66			17		
							21		
							23		

Sign-in Sheet	Data Sheet	Location	Date	Time	Type	FTU	Tare Bottle	Total Bottle	Volume/	Filter	Filter	Initial Filter	Final Filter	Sediment	Lab	Tur.	FTU
Page #	#	Sampled	Sampled	Sampled	Container	Turbidity	Weight g	Weight g	Bottle Wt.	Total	ID	Weight g	Weight g	Wt.	Code	Code	Turbidity
6	10	NF Elk "K "	12/2/99	10:10	Hach Cell	117.00	17.7	36.5	18.8	1 1	153	0.10684	0.10726	0.00042	0	O	117.00
6	10	NF Elk "PL"	12/2/99	10:30	Hach Cell	700.00	17.6	36.9	19.3	1 1	154	0.10370	0.11086	0.00716	0	O	700.00
9		NF	12/3/99	17:20	Hach Cell	32.20										O	32.20
7		NFELK	12/5/99	12:47	DIS	17.20				1 5						O	17.20
7		NFELK	12/5/99	12:49	DIS	16.90				2 5						O	16.90
7		NFELK	12/5/99	12:51	DIS	16.60				3 5						O	16.60
7		NFELK	12/5/99	12:53	DIS	17.60				4 5						O	17.60
7		NFELK	12/5/99	12:55	DIS	18.90				5 5						O	18.90
9		NFELK	12/7/99	10:00	Hach Cell	13.90										O	13.90
9		NFELK	12/7/99	19:38	Hach Cell	54.20										O	54.20
9		NFELK	12/8/99	9:40	Hach Cell	39.70										O	39.70
9	15	NF ELK	12/9/99	10:20	Hach Cell	141.00	17.9	38.1	20.2	1 1	225	0.10475	0.10781	0.00306	0	O	141.00
9	15	NF ELK	12/9/99	16:25	Hach Cell	140.00	17.8	37.5	19.7	1 1	226	0.10603	0.10875	0.00272	0	O	140.00
9	15	NF ELK	12/9/99	20:30													
9	15	NF ELK	12/10/99	9:30	Hach Cell	63.60	17.9	37.0	19.1	1 1	227	0.10496	0.10600	0.00104	0	O	63.60
9	15	NF ELK	12/11/99	10:35	Hach Cell	30.80	18.1	38.9	20.8	1 1	228	0.10360	0.10407	0.00047	0	O	30.80
9	15	NF ELK	12/12/99	10:20	Hach Cell	23.30	17.9	37.4	19.5	1 1	229	0.11130	0.11143	0.00013	0	O	23.30
9	15	NF ELK	12/12/99	23:25	Hach Cell	228.00	18.1	38.2	20.1	1 1	230	0.10978	0.11328	0.00350	0	O	228.00
9	15	NF ELK	12/13/99	8:30	Hach Cell	101.00	17.9	37.4	19.5	1 1	233	0.11029	0.11163	0.00134	0	O	101.00
	25	NF ELK	12/14/99	9:25	Hach Cell	29.30	17.9	38.1	20.2	1 1	354	0.10328	0.10370	0.00042	0	O	29.30
	25	NF ELK	1/7/00	14:55	Hach Cell	8.20	17.7	37.6	19.9	1 1	355	0.10247	0.10247	0.00000	0	O	8.20

Total Mg/L	Date Sampled	Time Sampled	Raw Stage Ft.	Stage Ft.	Vel. Strand hi or lo	Velocity distance	Velocity sec.	Floating Object velocity Comments			
22.34	12/2/99	10:10						K' is from downstream side culv. on CL III, draining 50 yr old 2nd growth			
371.07	12/2/99	10:30						PL' from dnstrm sideof culv. (3rd Culvert) on Archery Rd Class III drains.			
	12/3/99	17:20	17	4.06				see Ralph's Notes			
	12/5/99	12:47						Price AA Discharge stage 18.5 =22.9 cfs			
	12/5/99	12:49	18.5	2.56			21				
							20.5				
							26				
	12/5/99	12:51									
	12/5/99	12:53									
	12/5/99	12:55									
	12/7/99	10:00	18.4	2.66			19	see ralph's notes			
							19				
	12/7/99	19:38	16.1	4.96				see ralph's notes			
	12/8/99	9:40	16.2	4.86			19	see ralph's notes			
							19.4				
151.50	12/9/99	10:20	12.35	8.71			9	see ralph's notes			
							8.9				
							9.5				
138.08	12/9/99	16:25	10.8	10.26			9.5	see ralph's notes			
							9.3				
							9.5				
	12/9/99	20:30	10.5	10.56				stage only -			
54.45	12/10/99	9:30	13.95	7.11			14.4	see ralph's notes			
							10.1				
							14.1				
22.60	12/11/99	10:35	15.65	5.41			15	see ralph's notes			
							22				
							16				
6.67	12/12/99	10:20	17.8	3.26			29.5	see ralph's notes			
							30.3				
							14				
174.15	12/12/99	23:25	16.3	4.76				see ralph's notes			
68.72	12/13/99	8:30	12.3	8.76				see Ralph's notes, Filters #231 and #232 with holes			
20.79	12/14/99	9:25	16.4	4.66							
0.00	1/7/00	14:55	19.3	1.76			26	no rain of any consequence since 12/14			
							29				

Sign-In Sheet	Data Sheet	Location	Date	Time	Type	FTU	Tare Bottle	Total Bottle	Volume/	Filter	Filter	Initial Filter	Final Filter	Sediment	Lab	Tur.	FTU
Page #	#	Sampled	Sampled	Sampled	Container	Turbidity	Weight g	Weight g	Bottle Wt.	Total	ID	Weight g	Weight g	Wt.	Code	Code	Turbidity
	25	NF ELK	1/10/00	8:20	Hach Cell	5.95	17.8	37.5	19.7	1 1	356	0.10790	0.10799	0.00009	0	0	5.95
	27	NF ELK	1/11/00	10:00	Hach Cell	940.00	18.5	38.1	19.6	1 1	406	0.11106	0.12370	0.01264	0	0	940.00
	27	NF ELK	1/12/00	9:20	Hach Cell	92.40	18.3	37.1	18.8	1 1	407	0.10943	0.11088	0.00145	0	0	92.40
	25	NF ELK	1/13/00	13:00	Hach Cell	45.00	17.9	37.9	20.0	1 1	366	0.10204	0.10265	0.00061	0	0	45.00
		NF ELK	1/14/00	9:50													
		NF ELK	1/14/00	15:30													
23	27	NF ELK	1/14/00	23:30	Hach Cell	373.00	17.9	36.3	18.4	1 1	408	0.11199	0.11789	0.00590	0	0	373.00
23	27	NF ELK	1/15/00	10:20	Hach Cell	151.00	17.9	36.4	18.5	1 1	409	0.11048	0.11315	0.00267	0	0	151.00
23	27?	NF ELK	1/16/00	9:25	Hach Cell	418.00	17.6	37.0	19.4	1 1	410	0.11316	0.11955	0.00639	0	0	418.00
23	25	NF ELK	1/18/00	13:15	Hach Cell	44.20	17.8	37.6	19.8	1 1	367	0.10219	0.10292	0.00073	0	0	44.20
	27?	NF ELK	1/19/00	9:25	Hach Cell	418.00	17.6	37.0	19.4	1 1	410	0.11316	0.11955	0.00639	0	0	418.00
23	27	NF ELK	1/19/00	11:25	Hach Cell	86.60	17.9	37.8	19.9	1 1	411	0.11017	0.11219	0.00202	0	0	86.60
23	25	NF ELK	1/20/00	10:05	Hach Cell	95.00	18.0	37.7	19.7	1 1	368	0.10615	0.10789	0.00174	0	0	95.00
42		NFELK	1/21/00	17:20	Hach Cell	37.60										0	37.60
42		NFELK	1/22/00	10:05	Hach Cell	42.10										0	42.10
42		NFELK	1/24/00	17:35	Hach Cell	28.10										0	28.10
42		NFELK	1/25/00	13:30	Hach Cell	27.80										0	27.80
42		NFELK	1/30/00	10:10	Hach Cell	66.80										0	66.80
42		NFELK	1/30/00	17:00	Hach Cell	302.00										0	302.00
42		NFELK	1/31/00	16:40	Hach Cell	118.00										0	118.00
42		NFELK	2/1/00	13:35	Hach Cell	41.90										0	41.90
42		NFELK	2/4/00	14:45	Hach Cell	20.40										0	20.40
42		NFELK	2/5/00	17:55	Hach Cell	74.30										0	74.30
		NFELK	2/10/00	9:30													
		NFELK	2/11/00	10:15													
42		NFELK	2/12/00	17:45	Hach Cell	72.40										0	72.40
42		NFELK	2/13/00	17:25	Hach Cell	73.00										0	73.00
43		KRW	2/13/00	12:00	Hach Cell	72.20										0	72.20
54		NF	2/15/00	10:10	Hach Cell	138.00										0	138.00
54		NF	2/16/00	17:15	Hach Cell	45.50										0	45.50
54		NF	2/20/00	13:10	Hach Cell	19.10										0	19.10
48	64	NFELK	2/22/00	8:30	Hach Cell	58.70	18.2	35.3	17.1	1 1	920	0.11857	0.12043	0.00186	0	0	58.70
48	64	NFELK	2/22/00	10:00	Hach Cell	97.10	17.9	37.3	19.4	1 1	921	0.11299	0.11641	0.00342	0	0	97.10
54		NFELK	2/22/00	10:10	Hach Cell	104.00										0	104.00
		NFELK	2/22/00	11:30													
		NFELK	2/22/00	12:00													

Total Mg/L	Date Sampled	Time Sampled	Raw Stage Ft.	Stage Ft.	Vel. Strand hi or lo	Velocity distance	Velocity sec.	Floating Object velocity Comments			
4.57	1/10/00	8:20	19.5	1.56							
645.16	1/11/00	10:00	3.4	17.66				Flood - river over roadway on bridge. We're flooded in			
77.13	1/12/00	9:20	13.3	7.76				KRW 2			
30.50	1/13/00	13:00	18	3.06				KRW3			
	1/14/00	9:50	3.1	17.96				Flood - river over roadway on bridge. We're flooded in			
	1/14/00	15:30	1.2	19.86				Canoeed from Martin's to Dead Woman's corner			
320.72	1/14/00	23:30	7.2	13.86				See Ralph's notes			
144.34	1/15/00	10:20	12	9.06				KRW5			
329.45	1/16/00	9:25	7.1	13.96				In Data Sheet as 1/16, SignIn as 1/19			
36.87	1/18/00	13:15	16.1	4.96				KRW6			
329.45	1/19/00	9:25						SignInSheet as 1/19 IN Data Sheet as 1/16, KRW7			
101.51	1/19/00	11:25	16.5	4.56				KRW1	Raining hard - loaded truck came out at 09:05		
88.33	1/20/00	10:05	13.2	7.86				KRW2			
	1/21/00	17:20	16.1	4.96				See Ralph's notes			
	1/22/00	10:05	16	5.06				See Ralph's notes			
	1/24/00	17:35	17.2	3.86				See Ralph's notes			
	1/25/00	13:30	17.2	3.86				See Ralph's notes			
	1/30/00	10:10	17.5	3.56				See Ralph's notes			
	1/30/00	17:00	13.9	7.16				See Ralph's notes			
	1/31/00	16:40	14.6	6.46				See Ralph's notes			
	2/1/00	13:35	16.1	4.96				See Ralph's notes			
	2/4/00	14:45	18	3.06				See Ralph's notes			
	2/5/00	17:55	16.6	4.46				See Ralph's notes			
	2/10/00	9:30	18	3.06							
	2/11/00	10:15	17.5	3.56							
	2/12/00	17:45	16.9	4.16				See Ralph's notes			
	2/13/00	17:25	15.8	5.26				See Ralph's notes			
	2/13/00	12:00						1/2" rain 24hrs			
	2/15/00	10:10	11.9	9.16							
	2/16/00	17:15	15.7	5.36							
	2/20/00	13:10	18	3.06							
108.78	2/22/00	8:30	18.4	2.66							
176.31	2/22/00	10:00	18.2	2.86							
	2/22/00	10:10	18.1	2.96							
	2/22/00	11:30	17.8	3.26							
	2/22/00	12:00	17.6	3.46							

Freshwater Creek at Howard Heights Bridge (HH)																
Howard Heights Road (4J010) PM 0.01 - Bridge # 4C-0049																
Humboldt County, California																
Hydrologic Year 2000																
Turbidity / Suspended Sediment Data - Grab Sampling - provisional																
Salmon Forever / Sunny Brae Sediment Lab																
sign in	Data	Location	Date	Time	Type	Tare Bottle	Total Bottle	Volume/	Filter	Filter	Initial Filter	Final Filter	Sediment	Lab	Tur.	FTU
page #	Sheet #	Sampled	Sampled	Sampled	Container	Weight g	Weight g	Bottle Wt.	Total	ID	Weight g	Weight g	Wt.	Code	Code	Turbidity
??????		HH	4/8/99	17:09	Hach Cell	18.00	37.1	19.1	1 1	29	0.11385	0.11453	0.00068	0	0	38.00
1		HH	5/3/99	15:40	3x7 PB	33.90	338.4	304.5	1 2	30	0.10689	0.12214	0.01525	0	0	79.10
									2 2	31	0.10619	0.12192	0.01573	0		
11		HH	11/10/99	15:15	2x6	24.10	163.3	139.2	1 1	198	0.10668	0.10992	0.00324	0	0	15.90
11		HH	11/16/99	13:30	3x8	34.60	288.4	253.8	1 1	200	0.10667	0.11873	0.01206	0	0	32.10
7		HH	11/19/99	12:15	Pl. Pint	47.60	243.7	196.1	1 1	201	0.10476	0.10669	0.00193	0	0	8.22
7		HH	11/23/99	14:30	Pl. Pint	46.20	362.3	316.1	1 1	203	0.10560	0.10658	0.00098	0	0	8.43
7		HH	11/26/99	13:40	Pl. Pint	46.40	284.2	237.8	1 1	207*	0.10547	0.10622	0.00075	0	0	3.38
7		HH	11/29/99	13:45	Pl. Pint	47.20	318.6	271.4	1 1	208	0.10609	0.11771	0.01162	0	0	54.80
7		HH	11/29/99	15:00	Pl. Pint	47.20	383.4	336.2	1 1	209	0.10538	0.10758	0.00220	0	0	6.75
12		HH	11/29/99	17:00	2x6	22.40	248.3	225.9	1 1	211	0.10652	0.12033	0.01381	0	0	32.70
12		HH	11/30/99	7:25	2x6	23.70	132.2	108.5	1 1	212	0.10469	0.11083	0.00614	0	0	76.30
12		HH	12/1/99	8:05	Hach Cell	18.20	32.8	14.6	1 1	610	0.11682	0.11749	0.00067	0	0	<100
12		HH	12/2/99	7:55	Hach Cell	18.20	36.6	18.4	1 1	609	0.11403	0.11450	0.00047	0	0	35.50
7		HH	12/2/99	11:15	Hach Cell	17.80	36.4	18.6	1 1	175	0.10581	0.10673	0.00092	0	0	54.40
8		HH	12/7/99	14:00	Hach Cell	17.90	34.2	16.3	1 1	186	0.10461	0.10511	0.00050	0	0	54.00
8		HH	12/8/99	14:00	Hach Cell	17.70	36.9	19.2	1 1	187	0.10819	0.10828	0.00009	0	0	27.70
12		HH	12/9/99	8:30	Hach Cell	18.70	38.2	19.5	1 1	611	0.11617	0.11760	0.00143	0	0	82.00
8		HH	12/9/99	15:15	Hach Cell	18.00	37.6	19.6	1 1	188	0.10665	0.10834	0.00169	0	0	91.40
12		HH	12/9/99	17:55	Hach Cell	18.60	37.4	18.8	1 1	612	0.11168	0.11361	0.00193	0	0	89.80

Freshwater Creek at Howard Heights Bridge (HH)

Howard Heights Road (4J010) PM 0.01 - Bridge # 4C-0049

Humboldt County, California

Hydrologic Year 1999

Turbidity / Suspended Sediment Data - Grab Sampling - provisional

Salmon Forever / Sunny Brae Sediment Lab Floating object

Stage is measured as inches down from top of wood rail upstream side staff plate = 16.83 - rail

Sand F. Mg/L	Total Mg/L	Date Sampled	Time Sampled	Stage	Discharge cfs	vel. width hi or lo	Vel. dist.	Vel. time/sec	Comments
	35.6	4/8/99	17:09						
	101.8	5/3/99	15:40				13'8"	5.40	
	23.3	11/10/99	15:15	15'2"				17.00	
	47.5	11/16/99	13:30	14'11.5"				8.50	
	9.8	11/19/99	12:15	15'7"				23.00	
	3.1	11/23/99	14:30	15'7"				37.00	
	3.2	11/26/99	13:40	15'8"				36.00	* missed QC filter by two samples,
	42.8	11/29/99	13:45	14'1.5"				7.00	
	6.5	11/29/99	15:00	15'7"				24.00	
	51.1	11/29/99	17:00	184"		high	26'	11.80	?
						high	26'	11.80	
						high	26'	11.80	
	56.6	11/30/99	7:25	162"		high	26'	6.00	bottle one-half full
						high	26'	6.00	
						high	26'	6.00	
	45.9	12/1/99	8:05	167"		high	26'	5.80	water level too low, no turbidity; sample sheet 12 -
						high	26'	5.80	used average tare bottle wt. - missing on data sheet
						high	26'	5.80	
	25.5	12/2/99	7:55	178"		high	26'	8.70	
						high	26'	8.70	
						high	26'	8.70	
	49.5	12/2/99	11:15	170"				7.70	rained nite and am
	30.7	12/7/99	14:00	171		high	26'	6.00	
	4.7	12/8/99	14:00	174		high	26'	8.50	
	73.3	12/9/99	8:30	162"		high	26'	6.60	
						high	26'	6.60	
						high	26'	6.60	
	86.2	12/9/99	15:15	150		high		4.50	
	102.7	12/9/99	17:55	148"		high	26'	4.50	
						high	26'	4.50	

CF

sign in page #	Data Sheet #	Location Sampled	Date Sampled	Time Sampled	Type Container	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total	Filter ID	Initial Filter Weight g	Final Filter Weight g	Sediment Wt.	Lab Code	Tur. Code	FTU Turbidity
8		HH	12/10/99	16:50	H	17.90	37.8	19.9	1 1	189	0.10519	0.10547	0.00028	0	0	32.70
8		HH	12/10/99	17:02	DIS	380.30	633.8	253.5	1 1	554	0.11284	0.11777	0.00493	0	0	33.50
8		HH	12/10/99	17:05	DIS	369.30	668.3	299.0	1 1	555	0.11147	0.11664	0.00517	0	0	32.10
8		HH	12/10/99	17:10	DIS	373.60	680.6	307.0	1 1	556	0.11392	0.11877	0.00485	0	0	33.10
8		HH	12/10/99	17:13	DIS	365.90	565.2	199.3	1 1	557	0.10964	0.11727	0.00763	0	0	34.90
8		HH	12/10/99	17:10	Hach Cell	17.80	35.1	17.3	1 1	190	0.10471	0.10500	0.00029	0	0	32.90
13		HH	12/10/99	17:10	Hach Cell	18.20	37.3	19.1	1 1	613	0.11446	0.11492	0.00046	0	0	29.80
22		HH	12/13/99	10:35	Hach Cell	17.70	36.9	19.2	1 1	412	0.11154	0.11196	0.00042	0	0	95.00
22		HH	12/13/99	15:15	Hach Cell	18.00	38.0	20.0	1 1	413	0.11201	0.11230	0.00029	0	0	35.70
13		HH	1/11/00	8:00	Hach Cell	18.00	34.3	16.3	1 1	614	0.11797	0.12700	0.00903	0	0	540.00
22		HH	1/11/00	9:00	Hach Cell	18.00	37.7	19.7	1 1	414	0.10999	0.12479	0.01480	0	0	606.00
41		HH	1/11/00	12:00	Hach Cell	17.80	35	17.2	1 1	1076	0.12601	0.13253	0.00652	0	0	297.00
22		HH	1/11/00	13:30	Hach Cell	18.10	38.0	19.9	1 1	415	0.11208	0.11772	0.00564	0	0	228.00
22		HH	1/11/00	15:00	Hach Cell	17.80	37.4	19.6	1 1	416	0.11232	0.11735	0.00503	0	0	202.00
22		HH	1/12/00	13:20	Hach Cell	17.80	37.4	19.6	1 1	417	0.11264	0.11361	0.00097	0	0	60.40
22		HH	1/13/00	15:00	Hach Cell	17.80	36.2	18.4	1 1	418	0.11170	0.11215	0.00045	0	0	35.20
41		HH	1/14/00	7:45	Hach Cell	18.00	37.2	19.2	1 1	1077	0.12700	0.14965	0.02265	0	0	838.00
22		HH	1/14/00	10:30	2 x 8	42.40	322.7	280.3	1 2	729	0.11381	0.16145	0.04764	0	0	582.00
									2 2	730	0.11121	0.16181	0.05060	0		

Stand F.	Total Mg/L	Date Sampled	Time Sampled	Stage	Discharge cfs	vel. width hi or lo	Vel. dist.	Vel. time/sec	Comments				
						high	26'	4.50					
	14.1	12/10/99	16:50	14'5"									
	19.4	12/10/99	17:02						280 cc; 1 of 4 bottles, RL start 8, 9, 10, 11, 12;				
									1 sample HH, 1 filter per bottle, all mg/L added together for total				
	17.3	12/10/99	17:05						300 cc; 2 of 4 bottles, RL 13, 14, 15, 16, 17				
	15.8	12/10/99	17:10						320 cc; 3 of 4 bottles, RL 18, 19, 20, 21, 22, 23;				
									(clamp loose in processing, spilled 1/3 of sample) correlate with T.C. and B.L.				
	38.3	12/10/99	17:13						210 cc; 4 of 4 bottles, RL 24, 25, 26, 27, 28, 29, 30, 31, 32;				
	16.8	12/10/99	17:10	173"			26'	7.00	14'5" falling from rail; correlate -				
							26'	7.50					
	24.1	12/10/99	17:10	172"		high	26'	7.10					
						high	26'	7.10					
						high	26'	7.10					
	21.9	12/13/99	10:35	167		high	26'	4.80	NTU from sign in sheet was 45.0, data sheet was marked 95.0 NTU			falling	
	14.5	12/13/99	15:15	170		high	26'	6.20	stage reading on sign in sheet is 14'3", field form is 14'2" falling				
						high	26'	5.90					
	554.2	1/11/00	8:00	95"		high	26'	4.90	1.65" rainfall 1-10 (1700) to 1-11 (0700)				
						high	26'	4.90					
						high	26'	4.90					
	751.6	1/11/00	9:00						road unpassable flood peaked btw 3-5 am				
									unable to get to bridge 1ft water 10am on road				
	379.2	1/11/00	12:00	126"		high	26'	4.70					
						low	26'	7.20	falling, data differs on sign in sheet				
	283.5	1/11/00	13:30	134.5		high		4.50	falling road open				
								4.25					
								4.30					
	256.7	1/11/00	15:00	140"		high		4.30					
								4.30					
	49.5	1/12/00	13:20	167		high		5.30					
						high		5.60					
	24.5	1/13/00	15:00	172		high		7.00					
	1180.6	1/14/00	7:45	91"		high	26'	4.00	rising; high velocity strand width 18'				
						high	26'	4.00					
						high	26'	4.00					
						low		6.10	low velocity strand width 33'				
						low		6.10					
						low		6.10					
	350.7	1/14/00	10:30						flooded. Sample taken from side at peak flood				

sign in	Data	Location	Date	Time	Type	Tare Bottle	Total Bottle	Volume/	Filter	Filter	Initial Filter	Final Filter	Sediment	Lab	Tur.	FTU
page #	Sheet #	Sampled	Sampled	Sampled	Container	Weight g	Weight g	Bottle Wt.	Total	ID	Weight g	Weight g	Wt.	Code	Code	Turbidity
41		HH	1/14/00	10:40	Hach Cell	17.70	36.5	18.8	1 1	1078	0.12608	0.14167	0.01559	0	0	736.00
22		HH	1/14/00	15:45	2 x 8	40.70	344.9	304.2	1 2	732	0.11513	0.14978	0.03465	0	0	270.00
									2 2	734	0.11108	0.13395	0.02287	0		
41		HH	1/14/00	16:00	Hach Cell	17.70	35.5	17.8	1 1	1079	0.11719	0.12563	0.00844	0	0	347.00
41		HH	1/15/00	9:00	Hach Cell	17.60	36.3	18.7	1 1	1080	0.12427	0.12643	0.00216	0	0	83.50
41		HH	1/16/00	8:10	Hach Cell	17.80	38.4	20.6	1 1	1081	0.12778	0.13238	0.00460	0	0	133.00
22		HH	1/16/00	14:45	2 x 8	42.00	417.6	375.6	1 1	731	0.11708	0.17127	0.05419	0	0	96.20
35		HH	1/19/00	13:30	Hach Cell	18.10	37.3	19.2	1 1	946	0.11660	0.11748	0.00088	0	0	45.40
35		HH	1/20/00	10:15	Hach Cell	18.00	36.9	18.9	1 1	947	0.11476	0.11597	0.00121	0	0	55.80
35		HH	1/20/00	15:00	Hach Cell	17.70	37	19.3	1 1	948	0.11261	0.11350	0.00089	0	0	47.30
23		HH	1/21/00	14:25	Hach Cell	17.90	34.3	16.4	1 1	568	0.11217	0.11219	0.00002	0	0	37.00
		HH	1/26/00													

Sand F. Mg/L	Total Mg/L	Date Sampled	Time Sampled	Stage	Discharge cfs	vel. width hi or lo	Vel. dist.	Vel. time/sec	Comments
	129.7	1/14/00	10:40	72"		high	26'	5.40	Peak; high velocity strand width 21'
						high	26'	5.40	
						high	26'	5.40	
						low		2.20	low velocity strand width 45'
						low		2.20	
						low		2.20	
	189.1	1/14/00	15:45						falling, taken from flooded road
	474.3	1/14/00	16:00	101"		high	26'	3.80	falling; high velocity strand width 18'
						high	26'	3.80	
						high	26'	3.80	
						low		13.20	low velocity strand width 33'
						low		13.20	
						low		13.20	
	115.5	1/15/00	9:00	158		high	26'	5.00	rising; high velocity strand width 15''
						high	26'	5.00	
						high	26'	5.00	
						low		8.50	low velocity strand width 27''
						low		8.50	
						low		8.50	
	223.3	1/16/00	8:10	134		high	26'	4.70	falling; high velocity strand width 12'
						high	26'	4.70	
						high	26'	4.70	
						low		11.00	low velocity strand width 30''
						low		11.00	
						low		11.00	
	144.3	1/16/00	14:45	151		high		4.00	falling; water still high from flooding
						low		6.20	
	45.8	1/19/00	13:30	172		high		6.70	
						low		8.50	
	64.0	1/20/00	10:15	164		high		4.50	removed small hair from filter before weighing
	46.1	1/20/00	15:00	166		high		5.50	
	1.2	1/21/00	14:25	182.5		high	25'	7.63	from top of bridge railing
						high	25'	8.43	
						high	25'	7.58	
						low	23.5	37.48	
						low	23.5	24.05	
						low	23.5	21.86	
		1/26/00		179"				10.5/18.9	

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sign in page #	Data Sheet #	Location Sampled	Date Sampled	Time Sampled	Type Container	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total	Filter ID	Initial Filter Weight g	Final Filter Weight g	Sediment Wt.	Lab Code	Tur. Code	FTU Turbidity
		HH	1/27/00													
35		HH	1/23/00	13:45	Hach Cell	18.20	38	19.8	1 1	949	0.11514	0.11549	0.00035	0	0	25.50
35		HH	1/30/00	11:15	Hach Cell	18.00	36.3	18.3	1 1	943	0.11533	0.11701	0.00168	0	0	47.80
37		HH	1/30/00	11:44				0.0					0.00000		0	69.90
35		HH	1/30/00	15:30	Hach Cell	18.00	32.6	14.6	1 1	950	0.11486	0.11653	0.00167	0	0	87.80
35		HH	1/31/00	15:00	Hach Cell	18.00	37.9	19.9	1 1	951	0.11427	0.11498	0.00071	0	0	44.30
52		HH	2/12/00	14:20	Hach Cell	18.00	37.8	19.8	1 1	1320	0.12576	0.12711	0.00135	0	0	62.50
52		HH	2/13/00	15:30	Hach Cell	17.90	37.3	19.4	1 1	1322	0.12487	0.12546	0.00059	0	0	44.80
52		HH	2/14/00	8:00	Hach Cell	17.90	37.7	19.8	1 1	1321	0.12038	0.12898	0.00860	0	0	327.00
44	88	HH	2/14/00	10:32	3 X 7	34.40	201.3	166.9	1 3	1368	0.12165	0.14625	0.02460	0	0	275.00
									2 3	1369	0.12639	0.16232	0.03593	0		
									3 3	1370	0.12212	0.16812	0.04600	0		
52		HH	2/14/00	11:00	Hach Cell	18.00	37.6	19.6	1 1	1323	0.12212	0.13002	0.00790	0	0	238.00
52		HH	2/14/00	14:20	Hach Cell	18.10	35.3	17.2	1 1	1324	0.12483	0.12789	0.00306	0	0	354.00
52		HH	2/15/00	15:15	Hach Cell	17.80	37.4	19.6	1 1	1325	0.12025	0.12160	0.00135	0	0	63.00
54		HH	2/16/00	17:10	Hach Cell	17.90	38.3	20.4	1 1	1326	0.12569	0.12608	0.00039	0	0	32.60
54		HH	2/22/00	13:30	Hach Cell	17.90	36.9	19.0	1 1	1327	0.11955	0.12090	0.00135	0	0	53.70
54		HH	2/22/00	16:00	Hach Cell	17.90	35	17.1	1 1	1328	0.12511	0.12757	0.00246	0	0	89.90
54		HH	2/23/00	14:45	Hach Cell	18.10	38.4	20.3	1 1	1329	0.12000	0.12081	0.00081	0	0	46.90
54		HH	2/24/00	15:00	Hach Cell	18.00	33.9	15.9	1 1	1330	0.12424	0.12478	0.00054	0	0	36.30
54		HH	2/26/00	7:45	Hach Cell	18.00	33.5	15.5	1 1	919	0.11552	0.11555	0.00003	0		????

Sand F ⁺ Mg/L	Total Mg/L	Date Sampled	Time Sampled	Stage	Discharge cfs	vel. width hi or lo	Vel. dist.	Vel. time/sec	Comments
		1/27/00		156"				4.8/23.0	
	17.7	1/23/00	13:45	177		high		8.00	
						low		15.00	
	91.8	1/30/00	11:15	172		high	25'9"	7.88	High velocity width 171"
						high	25'9"	7.26	
						high	25'9"	8.19	
						low	23'3"	36.97	low velocity width 150"
						low	23'3"	33.88	
						low	23'3"	53.06	
	#DIV/0!	1/30/00	11:44	14'6"			25'9"	7.88	rising; taken on railing; no field form
	14.4	1/30/00	15:30	167		high		5.50	
	35.7	1/31/00	15:00	169		high		6.00	
	68.2	2/12/00	14:20	172		high		7.00	falling
	30.4	2/13/00	15:30	173		high		7.10	
	434.5	2/14/00	8:00	112		high		3.90	rising creek is on the verge of flooding - last year flooded at 104" down
						high		3.60	
						low		6.80	
147.5	638.5	2/14/00	10:32	123		high		5.04	falling; taken at rail at upstream south pier
						high		5.47	
	403.2	2/14/00	11:00	118		high	6.7	4.10	high velocity strand distance 6.7'
						high		4.30	
						low		8.80	
						low		7.10	
	177.9	2/14/00	14:20						road flood margin - stakes placed at hi water road and pasture
	68.9	2/15/00	15:15	161		high		6.30	falling;
	19.1	2/16/00	17:10	170.5		high		6.70	from rail of bridge
	71.1	2/22/00	13:30	174		high		8.50	rising; from rail of bridge - 0.5" rain this am
	143.9	2/22/00	16:00	166.5		high		5.80	still rising; from rail of bridge
	39.9	2/23/00	14:45	166		high		5.60	falling; from rail of bridge - neighbor says 10 to 20' chunks of MC bank sliding 1 mile up
	34.0	2/24/00	15:00	170.5		high		6.80	
	1.9	2/26/00	7:45	179		high		10.50	high velocity strand width 15' rising
						high		10.50	
						high		10.50	
						low		18.90	low velocity strand width 24'
						low		18.90	

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sign in page #	Data Sheet #	Location Sampled	Date Sampled	Time Sampled	Type Container	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total	Filter ID	Initial Filter Weight g	Final Filter Weight g	Sediment Wt.	Lab Code	Tur. Code	FTU Turbidity
??????		HH	2/27/00	7:25	Hach Cell	17.90	37	19.1	1 1	918	0.11309	0.11387	0.00078	0		66.00
54		HH	2/27/00	10:30	Hach Cell	18.20	36.4	18.2	1 1	1348	0.11977	0.12086	0.00109	0	0	62.80
73		HH	2/28/00	15:45	Hach Cell	17.90	34.5	16.6	1 1	1342	0.12075	0.12223	0.00148	0	0	71.00
61	89	HH	2/28/00	16:23	2 X 6	368.40	576.6	208.2	1 2	1426	0.12240	0.79931	0.67691	0	0	89.40
									2 2	1427	0.12648	0.17062	0.04414	0		
73		HH	2/29/00	10:15	Hach Cell	17.80	32.6	14.8	1 1	1341	0.12663	0.12910	0.00247	0	0	115.00
73		HH	2/29/00	15:00	Hach Cell	18.10	37.6	19.5	1 1	1343	0.12114	0.12368	0.00254	0	0	87.90
73		HH	4/17/00	10:00	Hach Cell	18.10	38	19.9	1 1	1344	0.12405	0.12599	0.00194	0	0	76.10
73		HH	4/17/00	18:15	Hach Cell	17.90	33.9	16.0	1 1	1345	0.12393	0.12735	0.00342	0	0	159.00
73		HH	4/18/00	6:40	Hach Cell	18.80	34.8	16.0	1 1	1346	0.12140	0.12287	0.00147	0	0	71.70
	6- HY01	HH	5/10/00	11:10	Hach Cell	18.00	37.5	19.5	1 1	96	0.11384	0.11584	0.00200	0	0	89.90
	6 - HY 01	HH	5/10/00	15:00	Hach Cell	18.00	34.8	16.8	1 1	95	0.11434	0.11535	0.00101	0	0	73.40

Sand F. Mg/L	Total Mg/L	Date Sampled	Time Sampled	Stage	Discharge cfs	vel. width hi or lo	Vel. dist.	Vel. time/sec	Comments
						low		18.90	
	40.8	2/27/00	7:25	159		high		4.80	high velocity strand width 24'
						high		4.80	
						high		4.80	
						low		23.00	low velocity strand width 21'
						low		23.00	
						low		23.00	
	59.9	2/27/00	10:30	159		high		4.80	
						high		4.90	
	89.2	2/28/00	15:45	153.5		high		4.80	falling;
						high		5.20	
3258.3	3470.7	2/28/00	16:23	12'11"		high		6.44	falling; see discharge sheet - RL to 0
	66.9	2/29/00	10:15	144		high		3.90	low volume - as creek rises hi vel strand moves over away from Fr. Road
						high		4.10	still rising
	30.3	2/29/00	15:00	141		high		3.80	
	97.5	4/17/00	10:00	165		high		5.30	no rain for a long time before this storm
						high		5.40	
	13.8	4/17/00	18:15	160		high		4.80	high velocity strand width 18' stream width 48'- falling
						high		4.80	
						high		4.80	
						low		16.20	low velocity strand width 24'
						low		16.20	
						low		16.20	
	91.9	4/18/00	6:40	166		high		5.40	high velocity strand width 18' - falling
						high		5.40	
						high		5.40	
						low		16.90	low velocity strand width 6'
						low		16.90	
						low		16.90	
	102.6	5/10/00	11:10	139				4.80	falling - Processed HY01
	60.1	5/10/00	15:00	140.5				4.80	PROCESSED HY01

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