

Rainbow Site - Van Duzen River (VDRainbow)

Compiled by E. Nyman and C. Fenton

Humboldt County, California

Checked By C. Fenton

Hydrologic Year 01

Grab Sampling: Turbidity / Suspended Sediment Data - provisional

Salmon Forever / Sunny Brae Sediment Lab

Sign in page #	Datasheet #	Sample ID #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Date run	Turbidity Time run	Turbidity By	TUM S/N		
8		01GR 0126	VD RAINBOW	12/23/00	15:45	Time ISCO	58.9	0	ISCO	12/27/00	19:10	J. Noel			
8		01GR 0127	VD RAINBOW	12/23/00	21:45	Time ISCO	40.7	0	ISCO	12/27/00	19:15	J. Noel			
8		01GR 0128	VD RAINBOW	12/24/00	03:45	Time ISCO	26.7	0	ISCO	12/27/00	19:20	J. Noel			
8		01GR 0129	VD RAINBOW	12/24/00	09:45	Time ISCO	17.8	0	ISCO	12/27/00	19:25	J. Noel			
8		01GR 0130	VD RAINBOW	12/24/00	15:45	Time ISCO	15.4	0	ISCO	12/27/00	19:30	J. Noel			
8		01GR 0131	VD RAINBOW	12/24/00	21:45	Time ISCO	11.9	0	ISCO	12/27/00	19:35	J. Noel			
9		01GR 0132	VD RAINBOW	12/25/00	03:45	Time ISCO	10.1	0	ISCO	12/27/00	19:40	J. Noel			
9		01GR 0133	VD RAINBOW	12/25/00	09:45	Time ISCO	10.6	0	ISCO	12/27/00	19:43	J. Noel			
9		01GR 0134	VD RAINBOW	12/25/00	15:45	Time ISCO	11.7	0	ISCO	12/27/00	19:48	J. Noel			
9		01GR 0135	VD RAINBOW	12/25/00	21:45	Time ISCO	8.13	0	ISCO	12/27/00	19:51	J. Noel			
9		01GR 0136	VD RAINBOW	12/26/00	03:45	Time ISCO	6.89	0	ISCO	12/27/00	19:54	J. Noel			
9		01GR 0137	VD RAINBOW	12/26/00	09:45	Time ISCO	7.71	0	ISCO	12/27/00	19:58	J. Noel			
9		01GR 0138	VD RAINBOW	12/26/00	15:45	Time ISCO	7.39	0	ISCO	12/27/00	20:01	J. Noel			
9		01GR 0139	VD RAINBOW	12/26/00	21:45	Time ISCO	7.97	0	ISCO	12/27/00	20:04	J. Noel			
9		01GR 0140	VD RAINBOW	12/27/00	03:45	Time ISCO	6.34	0	ISCO	12/27/00	20:08	J. Noel			
9		01GR 0141	VD RAINBOW	12/27/00	09:45	Time ISCO	7.26	0	ISCO	12/27/00	20:10	J. Noel			
12		01GR0235	VD RAINBOW	1/11/00	09:30	JN	56.2	0	Hach Cell	1/11/00	17:34	J. Noel			
35		01IS 0124	VD RAINBOW	12/23/00	16:59	Time ISCO	28	0	ISCO	2/11/01	10:34	C. Fenton			
35		01IS 0125	VD RAINBOW	12/23/00	22:59	Time ISCO	25.8	0	ISCO	2/11/01	10:39	C. Fenton			
35		01IS 0126	VD RAINBOW	12/24/00	04:59	Time ISCO	70.6	0	ISCO	2/11/01	10:43	C. Fenton			
35		01IS 0127	VD RAINBOW	12/24/00	10:59	Time ISCO	47	0	ISCO	2/11/01	10:45	C. Fenton			
35		01IS 0128	VD RAINBOW	12/24/00	16:59	Time ISCO	28.2	0	ISCO	2/11/01	10:46	C. Fenton			
35		01IS 0129	VD RAINBOW	12/24/00	22:59	Time ISCO	22.4	0	ISCO	2/11/01	10:49	C. Fenton			
35		01IS 0130	VD RAINBOW	12/25/00	04:59	Time ISCO	17.4	0	ISCO	2/11/01	10:51	C. Fenton			
35		01IS 0131	VD RAINBOW	12/25/00	10:59	Time ISCO	13.7	0	ISCO	2/11/01	10:53	C. Fenton			
35		01IS 0132	VD RAINBOW	12/25/00	16:59	Time ISCO	12.8	0	ISCO	2/11/01	10:55	C. Fenton			
35		01IS 0133	VD RAINBOW	12/25/00	22:59	Time ISCO	12.2	0	ISCO	2/11/01	10:57	C. Fenton			

Rainbow Site - Van Duzen River (VDRainbow)											
Humboldt County, California											
Hydrologic Year 01											
Grab Sampling: Turbidity / Suspended Sediment Data - provisional											
Salmon Forever / Sunny Brae Sediment Lab											
Floating object											
Stage is measured from top of conc rail at s-pier base											
Total Mg/L	Turbidity FTU	Container Type	Date Sampled	Time Sampled	Raw Stage	Stage	Discharge CFS	Vel. Str. hi or lo	Vel. dist. Ft.	Vel. sec.	Comments
No	58.9	ISCO	12/23/00	15:45			See USGS				Bottle 1 of 16 - 360 min. interval - set up by J. Noel
Suspended Sediment	40.7	ISCO	12/23/00	21:45			Station info				B02
Data	26.7	ISCO	12/24/00	03:45							B03
available yet	17.8	ISCO	12/24/00	09:45							B04
	15.4	ISCO	12/24/00	15:45							B05
	11.9	ISCO	12/24/00	21:45							B06
	10.1	ISCO	12/25/00	03:45							B07
	10.6	ISCO	12/25/00	09:45							B08
	11.7	ISCO	12/25/00	15:45							B09
	8.13	ISCO	12/25/00	21:45							B10
	6.89	ISCO	12/26/00	03:45							B11
	7.71	ISCO	12/26/00	09:45							B12
	7.39	ISCO	12/26/00	15:45							B13
	7.97	ISCO	12/26/00	21:45							B14
	6.34	ISCO	12/27/00	03:45							B15 Intake at surface - lo sample vol.
	7.26	ISCO	12/27/00	09:45							Bottle 16 OF 16
	56.2	Hach Cell	1/11/00	09:30		26' dn	See USGS				
	28	ISCO	12/23/00	16:59		None					Bottle 1 of 18 - set up by J. Noel - 360 min. interval
	25.8	ISCO	12/23/00	22:59		None					B02 - lo vol. All bottles - turb. only - no ssc
	70.6	ISCO	12/24/00	04:59		None					B03
	47	ISCO	12/24/00	10:59		None					B04
	28.2	ISCO	12/24/00	16:59		None					B05
	22.4	ISCO	12/24/00	22:59		None					B06
	17.4	ISCO	12/25/00	04:59		None					B07
	13.7	ISCO	12/25/00	10:59		None					B08
	12.8	ISCO	12/25/00	16:59		None					B09
	12.2	ISCO	12/25/00	22:59		None					B10

Sign in page #	Datasheet #	Sample ID #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Date run	Turbidity Time run	Turbidity By	TUM S/N		
35		01IS 0134	VD RAINBOW	12/26/00	04:59	Time ISCO	16.1	0	ISCO	2/11/01	10:59	C. Fenton			
35		01IS 0135	VD RAINBOW	12/26/00	10:59	Time ISCO	10.4	0	ISCO	2/11/01	11:01	C. Fenton			
36		01IS 0136	VD RAINBOW	12/26/00	16:59	Time ISCO	9.61	0	ISCO	2/11/01	11:03	C. Fenton			
36		01IS 0137	VD RAINBOW	12/26/00	22:59	Time ISCO	8.89	0	ISCO	2/11/01	11:05	C. Fenton			
36		01IS 0138	VD RAINBOW	12/27/00	04:59	Time ISCO	7.94	0	ISCO	2/11/01	11:07	C. Fenton			
36		01IS 0139	VD RAINBOW	12/27/00	10:59	Time ISCO	6.49	0	ISCO	2/11/01	11:09	C. Fenton			
36		01IS 0140	VD RAINBOW	12/27/00	16:59	Time ISCO	8.95	0	ISCO	2/11/01	11:11	C. Fenton			
36		01IS 0141	VD RAINBOW	12/27/00	22:59	Time ISCO	17.9	0	ISCO	2/11/01	11:13	C. Fenton			

Total Mg/L	Turbidity FTU	Container Type	Date Sampled	Time Sampled	Raw Stage	Stage	Discharge CFS	Vel. Str. hi or lo	Vel. dist. Ft.	Vel. sec.	Comments
	16.1	ISCO	12/26/00	04:59		None					B11
	10.4	ISCO	12/26/00	10:59		None					B12
	9.61	ISCO	12/26/00	16:59		None					B13
	8.89	ISCO	12/26/00	22:59		None					B14
	7.94	ISCO	12/27/00	04:59		None					B15
	6.49	ISCO	12/27/00	10:59		None					B16
	8.95	ISCO	12/27/00	16:59		None					B17
	17.9	ISCO	12/27/00	22:59		None					B18 OF 18

Van Duzen River - Mile 18.57 (VDMI18.5)

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Hydrologic Year 01

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Salmon Forever / Sunny Brae Sediment Lab

Sign in page #	Datasheet #	Sample ID #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Date run	Turbidity Time run	Turbidity By	TUM S/N
12		01GR 0236	VD Mile 18.5	01/11/01	9:48	J. Noel	48.3	0	Hach Cell	1/11/01	17:34	J. Noel	
36		01GR 0569	VD Mile 18.5	02/09/01	14:54	J. Noel	21.8	0	2X6	2/11/01	15:01	C. Fenton	22423

Van Duzen River - Mile 18.57 (VDMI18.5)											
Humboldt County, California											
Hydrologic Year 01											
Grab Sampling: Turbidity / Suspended Sediment Data - provisional											
Salmon Forever / Sunny Brae Sediment Lab										Floating Object	
stage is measured as flo from bottom of 48" culvert											
Total Mg/L	FTU Turbidity	Container Type	Date Sampled	Time Sampled	Raw Stage	Stage	Discharge CFS	Vel. Str. hi or lo	Vel. dist. Ft.	Vel. sec.	Comments
No	48.3	Hach Cell	01/11/01	9:48	cv inv 42"	5"			10	1.53	48" cv has 2" thick concrete bottom
Suspended Sediment Data available yet	21.8	2X6	02/04/01	14:54	43" inv					1.66	2'/sec vel. Estimated - rain

Van Duzen River - Yager Creek (YAGER)											
Humboldt County, California											
Hydrologic Year 01											
Grab Sampling: Turbidity / Suspended Sediment Data - provisional											
Salmon Forever / Sunny Brae Sediment Lab						Floating Object					
Stage is measured as down from concrete rail											
Total Mg/L	FTU Turbidity	Container Type	Date Sampled	Time Sampled	Raw Stage	Stage	Discharge CFS	Vel. Str. hi or lo	Vel. dist.	Vel. sec.	Comments
No	73.00	Hach Cell	12/22/00	12:27		27'3 dn			thru	7.37	See stage discharge relationship flo 40 degree angle to bridge
Suspended Sediment Data	17.10	Hach Cell	12/23/00	13:31		27'2"dn					67 paces from e-abutment N (upstream) side
available yet	lo vol.	Hach Cell	01/24/01	14:02		27'8"					lo vol. in hach cell - no turb. Lots of notes
	9.13	Hach Cell	02/09/01	15:54		28'2"dn					Yager is noticeably clearer compared to Hely/Griz
	20.5	Hach Cell	03/26/01	09:10	7" cv depth			hi	15'	3.15	fair - falling stage - cv size 30'
										3.31	
	35	Hach Cell	03/27/01	11:25				hi	20	5.7	
										6.44	

Van Duzen River - Yager Creek (YAGER)

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Salmon Forever / Sunny Brae Sediment Lab

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6		01GR 0139	YAGER	12/22/00	01/01/04	J. Noel	73.00	0	Hach Cell	12/23/00	11:17	J. Noel			
8		01GR0143	YAGER	12/23/00	01/01/04	J. Noel	17.10	0	Hach Cell	12/27/00	19:08	J. Noel			
23		01GR 0162	YAGER	01/24/01	01/01/04	J. Noel		0	Hach Cell	1/25/01	11:36	J. Noel			
30		01GR0184	YAGER	01/29/01	01/01/04	S. Greene	lo vol.								
39		01GR0573	YAGER	02/09/01	01/01/04	J. Noel	9.13	0	Hach Cell	2/11/01	15:18	C. Fenton			
		01GR 0811	YAGER	03/26/01	01/01/04	S. Greene	20.50	0	Hach Cell	4/14/01	15:43	C. Fenton			
		01GR 0653	YAGER	03/27/01	01/01/04	S. Greene	35.00	0	Hach Cell	4/14/01	15:50	C. Fenton			

Van Duzen River - Hely Creek (VDHELY)

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Salmon Forever / Sunny Brae Sediment Lab

Sign in page #	Datasheet #	Sample ID #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Date run	Turbidity Time run	Turbidity By	TUM S/N
12		01GR0238	VD HELY	01/11/01	01/01/04	J. NOELL	63.7	0	Hach Cell	01/11/01	17:38	J. Noel	
36		01GR 0571	VD HELY	02/09/01	01/01/04	J. NOELL	385	0	2X6 pl. bot	02/11/01	14:32	C. Fenton	
36		01GR 0566	VD HELY	02/09/01	01/01/04	J. NOELL	133	0	2X6 pl. bot	02/11/01	15:06	C. Fenton	
40		01GR0210	VD HELY	02/03/01	01/01/04	P. Boyle	6.54	0	Hach Cell	02/12/01	17:34	C. Fenton	22423
40		01GR0207	VD HELY	02/05/01	01/01/04	P. Boyle	5.3	0	Hach Cell	02/12/01	17:38	C. Fenton	22423
40		01GR0209	VD HELY	02/06/01	01/01/04	P. Boyle	4.85	0	Hach Cell	02/12/01	17:40	C. Fenton	22423
40		01GR0049	VD HELY	02/07/01	01/01/04	P. Boyle	5.19	0	Hach Cell	02/12/01	17:43	C. Fenton	22423
40		01GR0050	VD HELY	02/09/01	01/01/04	P. Boyle	43.1	0	Hach Cell	02/12/01	17:45	C. Fenton	22423
57		01GR 0539	VD HELY	02/21/01	01/01/04	J. NOELL	256	0	Hach Cell	02/22/01	21:20	J. Noel	
76		01GR 0590	VD HELY	02/24/01	01/01/04	P. Boyle	9.3	0	Hach Cell	03/15/01	20:26	C. Fenton	
76		01GR 0587	VD HELY	02/26/01	01/01/04	P. Boyle	17.6	0	Hach Cell	03/15/01	20:28	C. Fenton	
76		01GR 0588	VD HELY	03/04/01	01/01/04	P. Boyle	175	0	Hach Cell	03/15/01	20:30	C. Fenton	
76		01GR 0591	VD HELY	03/05/01	01/01/04	P. Boyle	51.8	0	Hach Cell	03/15/01	20:19	C. Fenton	
76		01GR 0586	VD HELY	03/08/01	01/01/04	P. Boyle	17.3	0	Hach Cell	03/15/01	20:21	C. Fenton	
76		01GR 0589	VD HELY	03/12/01	01/01/04	P. Boyle	9.3	0	Hach Cell	03/15/01	20:24	C. Fenton	
103		01GR 0555	VD HELY	03/24/01	01/01/04	P. Boyle	30.7	0	Hach Cell	04/27/01	9:11	C. Fenton	9614

Van Duzen River - Hely Creek (VDHELY)

Humboldt County, California
Hydrologic Year 01

Grab Sampling: Turbidity / Suspended Sediment Data - provisional

Floating Object

Salmon Forever / Sunny Brae Sediment Lab

Raw Stage is measured

Stage is measured inches down from

Total Mg/L	FTU Turbidity	Container Type	Date Sampled	Time Sampled	Raw Stage	Stage	Discharge CFS	Vel. Str. hi or lo	Vel. dist. Ft.	Vel. sec.	Comments
No	63.7	Hach Cell	1/11/01	10:24		20'1"					20'1"dn
Suspended Sediment Data is available yet	385	2X6 pl. bot	2/9/01	12:54		20'1"			9.00	3.30	dn top metal guard rail
										3.48	
	133	2X6 pl. bot	2/9/01	15:18	dn	19'11"				3.34	rain - see 2-901 @ 12:54 for drawing -discharge
	6.54	Hach Cell	2/3/01	14:40		9.75"dn		hi	20.00	9.06	overcast
										8.45	
										8.29	
	5.3	Hach Cell	2/5/01	9:30		7.5"dn		hi	20.00	9.38	overcast
										10.18	
										9.29	
	4.85	Hach Cell	2/6/01	14:30		7.5"dn		hi	20.00	11.01	partly sunny
										10.57	
										11.11	
	5.19	Hach Cell	2/7/01	15:05		7.5"dn		hi	20.00	11.01	clear / sunny
										10.57	
										11.11	
	43.1	Hach Cell	2/9/01	9:30		9.5"up		hi	20.00	6.57	rain start early am - turning brown
										6.85	
										6.35	
	256	Hach Cell	2/21/01	21:30		232"					dn from top of metal guard rail
	9.3	Hach Cell	2/24/01	16:30	10"						showers
	17.6	Hach Cell	2/26/01	15:30	9.1"						clear
	175	Hach Cell	3/4/01	10:00	11"						rain
	51.8	Hach Cell	3/5/01	16:25	11"						light showers
	17.3	Hach Cell	3/8/01	9:00	8.75"						overcast
	9.3	Hach Cell	3/12/01	9:00	7.25"						clear
	30.7	Hach Cell	3/24/01	17:40							Raining

Sign in page #	Datasheet #	Sample ID #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Date run	Turbidity Time run	Turbidity By	TUM S/N		
103		01GR 0558	VD HELY	03/25/01	01/01/04	P. Boyle	11.2	0	Hach Cell	04/27/01	9:12	C. Fenton	9614		
103		01GR 0543	VD HELY	03/26/01	01/01/04	P. Boyle	5.45	0	Hach Cell	04/27/01	9:13	C. Fenton	9614		
103		01GR 0556	VD HELY	03/28/01	01/01/04	P. Boyle	6.19	0	Hach Cell	04/27/01	9:14	C. Fenton	9614		
103		01GR 0554	VD HELY	03/29/01	01/01/04	P. Boyle	6.71	0	Hach Cell	04/27/01	9:15	C. Fenton	9614		
103		01GR 0553	VD HELY	04/02/01	01/01/04	P. Boyle	4.93	0	Hach Cell	04/27/01	9:16	C. Fenton	9614		
103		01GR 0852	VD HELY	04/20/01	01/01/04	S. Greene	96.9	0	Hach Cell	04/27/01	9:40	C. Fenton	9614		

Total Mg/L	FTU Turbidity	Container Type	Date Sampled	Time Sampled	Raw Stage	Stage	Discharge CFS	Vel. Str. hi or lo	Vel. dist. Ft.	Vel. sec.	Comments			
	11.2	Hach Cell	3/25/01	15:00	7.5"				20.00	10.39	rain start 09:00 3-24-01			
										9.78				
										10.46				
	5.45	Hach Cell	3/26/01	17:40	6.75" dn			hi	20.00	11.72	rain start 09:00 3-24-01 - clear			
										10.75				
										10.35				
								lo	20.00	15.41				
										12.17				
										14.78				
	6.19	Hach Cell	3/28/01	17:20	7.25 dn			hi	20.00	9.60	rain start 08:00 3-27-01			
										10.50				
										10.30				
								lo	20.00	13.12				
										13.69				
										12.13				
	6.71	Hach Cell	3/29/01	17:40	7" dn			hi	20.00	10.57	clear			
										8.89				
										10.48				
								lo	20.00	11.91				
										11.63				
										14.54				
	4.93	Hach Cell	4/2/01	18:00	6.75" dn			hi	20.00	13.98	rain start 21:30 4-1-01			
										14.09				
										13.34				
								lo	20.00	15.91				
										16.09				
										14.37				
	96.9	Hach Cell	4/20/01	18:20	10"			lo	1.00	33.56	9' cv clear - back eddys			
										14.77				
								hi	5.00	7.62				
										8.34				
										7.64				

Van Duzen River - Cummings Creek (VDCUMMINGS)

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7		01GR0141	VD CUMMINGS	12/22/00	12:54	J. Noel	5.64	0	Hach Cell	12/23/00	11:35	J. Noel	
39		01GR0565	VD CUMMINGS	2/9/01	15:33	J. Noel	19.6	0	DI	2/11/01	15:16	C. Fenton	22423
57		01GR 0536	VD CUMMINGS	2/21/01	21:18	J. Noel	80.9	0	Hach Cell	2/22/01	21:23	J. Noel	

Sampson Property - Wilder Rd. - Van Duzen River (VDSAM)

Compiled by Eric Nyman and Clark Fenton

HWY 36 - Carlotta - Humboldt County, California

Checked By C. Fenton

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Salmon Forever / Sunny Brae Sediment Lab

Sign in page #	Datasheet #	Sample ID #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Date run	Turbidity Time run	Turbidity By	TUM S/N	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total
7		01GR 0140	VD SAMPSON	12/22/00	12:41	J. Noel	108	0	Hach Cell	12/23/00	11:32	J. Noel					
8		01GR0144	VD SAMPSON	12/23/00	13:43	J. Noel	25.5	0	Hach Cell	12/27/00	19:06	J. Noel					
26	8	01GR0134	VD SAMPSON	01/24/01	12:35	J. Noel	69.1	0	Hach Cell	1/31/01	20:04	C. Fenton	22441	17.9	33.1	15.2	1 1
26	8	01GR0133	VD SAMPSON	01/24/01	13:03	R. Sampson	66.2	0	Hach Cell	1/31/01	20:07	C. Fenton	22441	18.1	35.8	17.7	1 1
26	8	01GR135	VD SAMPSON	01/24/01	16:45	R. Sampson	50.7	0	Hach Cell	1/31/01	20:10	C. Fenton	22441	18.1	36.5	18.4	1 1
26	8	01GR136	VD SAMPSON	01/25/01	12:00	R. Sampson	470	0	Hach Cell	1/31/01	20:13	C. Fenton	22441	18.2	35.6	17.4	1 1
26	8	01GR138	VD SAMPSON	01/25/01	16:00	R. Sampson	233	0	Hach Cell	1/31/01	20:16	C. Fenton	22441	17.9	36.4	18.5	1 1
26	8	01GR137	VD SAMPSON	01/26/01	11:15	R. Sampson	87.2	0	Hach Cell	1/31/01	20:20	C. Fenton	22441	18	32.6	14.6	1 1
26		01GR0077	VD SAMPSON	01/26/01	16:20	R. Sampson	69.9	0	Hach Cell	1/31/01	20:22	C. Fenton	22441				
26		01GR0074	VD SAMPSON	01/27/01	11:30	R. Sampson	26.4	0	Hach Cell	1/31/01	20:24	C. Fenton	22441				

Sampson Property - Wilder Rd. - Van Duzen River (VDSAM)

HWY 36 - Carlotta - Humboldt County, California

Hydrologic Year 01

Grab Sampling: Turbidity / Suspended Sediment Data - provisional

Salmon Forever / Sunny Brae Sediment Lab

Stage is measured at staff g floating object

Filter ID#	Initial Filter Weight g	Final Filter Weight g	Sediment Wt. Gr	Lab Code	Total Mg/L	FTU Turbidity	Date Sampled	Stage ft.	Discharge CFS	Vel. Str. hi or lo	Vel. dist. Ft.	Vel. sec.	Comments
						108	12/22/00	3.85			22	6.28	drizzle
						25.5	12/23/00	3.68			20	6.90 7.64	vel at eddy edge/laminar flo/ 5-10' into lam. Flo
147	0.11331	0.11452	0.00121	0	79.6	69.1	1/24/01	3.72			20'	6.23 6.31 7.03	lo vol. Lots of notes
148	0.11388	0.11507	0.00119	0	67.2	66.2	1/24/01	3.69'			20'	9.44 6.03 6.17	falling limb - PEAK +2" - cloudy
149	0.11204	0.11285	0.00081	0	44.0	50.7	1/24/01	3.60			20'	6.68 7.44 7.41	falling - cloudy
150	0.10089	0.10981	0.00892	0	512.8	470	1/25/01	3.60			30'	6.75 6.57 7.69	rising - vel width 30' - cloudy - 1.5" rain 1-25-01
151	0.11425	0.11933	0.00508	0	274.6	233	1/25/01	3.90			20'	5.84 5.97 5.81	peak - cloudy - raining
152	0.11409	0.11531	0.00122	0	83.6	87.2	1/26/01	4.20			20'	4.88 5.31 5.59	falling - clear
						69.9	1/26/01	4.18			20'	5.94 5.72 6.38	falling - clear
						26.4	1/27/01	3.82			40'	6.75 5.40 7.90	falling - rain start 1-25-01 am

Sign in page #	Datasheet #	Sample ID #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Date run	Turbidity Time run	Turbidity By	TUM S/N	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total
26		01GR0289	VD SAMPSON	01/27/01	14:30	P. Boyle	24.7	0	Hach Cell	1/31/01	20:28	C. Fenton	22441				
27		01GR 0183	VD SAMPSON	01/27/01	15:15	SCB	lo vol.										
27		01GR 0182	VD SAMPSON	01/27/01	14:00	S. Greene	25.7	0	Hach Cell	1/31/01	20:33	C. Fenton	22441				
27		01GR 0186	VD SAMPSON	01/27/01	15:15	J. Noel	22.5	0	Hach Cell	1/31/01	20:36	C. Fenton	22441				
27		01IS 0142	VD SAMPSON	01/27/01	19:25	Time ISCO	58.3	0	ISCO	1/31/01	20:48	C. Fenton	22441				
27		01IS 0143	VD SAMPSON	01/27/01	22:25	Time ISCO	48.7	0	ISCO	1/31/01	20:52	C. Fenton	22441				
27		01IS 0145	VD SAMPSON	01/28/01	01:25	Time ISCO	33.2	0	ISCO	1/31/01	20:56	C. Fenton	22441				
27		01IS 0146	VD SAMPSON	01/28/01	04:25	Time ISCO	27.6	0	ISCO	1/31/01	20:58	C. Fenton	22441				
27		01IS 0147	VD SAMPSON	01/28/01	07:25	Time ISCO	25.6	0	ISCO	1/31/01	21:12	C. Fenton	22441				
27		01IS 0148	VD SAMPSON	01/28/01	10:25	Time ISCO	20.4	0	ISCO	1/31/01	21:15	C. Fenton	22441				
27		01IS 0149	VD SAMPSON	01/28/01	13:25	Time ISCO	41.4	0	ISCO	1/31/01	21:18	C. Fenton	22441				
27		01IS 0150	VD SAMPSON	01/28/01	16:25	Time ISCO	296	0	ISCO	1/31/01	21:21	C. Fenton	22441				
27		01IS 0151	VD SAMPSON	01/28/01	19:25	Time ISCO	222	0	ISCO	1/31/01	21:24	C. Fenton	22441				
28		01IS 0152	VD SAMPSON	01/28/01	22:25	Time ISCO	354	0	ISCO	1/31/01	21:28	C. Fenton	22441				
28		01IS 0153	VD SAMPSON	01/29/01	01:25	Time ISCO	297	0	ISCO	1/31/01	21:31	C. Fenton	22441				
28		01IS 0154	VD SAMPSON	01/29/01	04:25	Time ISCO	299	0	ISCO	1/31/01	21:34	C. Fenton	22441				
28		01IS 0155	VD SAMPSON	01/29/01	07:25	Time ISCO	177	0	ISCO	1/31/01	21:36	C. Fenton	22441				
28		01IS 0156	VD SAMPSON	01/29/01	10:25	Time ISCO	128	0	ISCO	1/31/01	21:48	C. Fenton	22441				
28		01IS 0157	VD SAMPSON	01/29/01	13:25	Time ISCO	102	0	ISCO	1/31/01	21:51	C. Fenton	22441				
28		01IS 0158	VD SAMPSON	01/29/01	16:25	Time ISCO	84.6	0	ISCO	1/31/01	21:54	C. Fenton	22441				
28		01IS 0159	VD SAMPSON	01/29/01	19:25	Time ISCO	168	0	ISCO	1/31/01	21:57	C. Fenton	22441				
28		01IS 0160	VD SAMPSON	01/29/01	22:25	Time ISCO	109	0	ISCO	1/31/01	22:01	C. Fenton	22441				
28		01IS 0162	VD SAMPSON	01/30/01	01:25	Time ISCO	54.1	0	ISCO	1/31/01	22:04	C. Fenton	22441				
28		01IS 0161	VD SAMPSON	01/30/01	04:25	Time ISCO	40.3	0	ISCO	1/31/01	22:09	C. Fenton	22441				
29		01IS 0164	VD SAMPSON	01/30/01	07:25	Time ISCO	50.2	0	ISCO	1/31/01	22:12	C. Fenton	22441				
29		01IS 0163	VD SAMPSON	01/30/01	10:25	Time ISCO	34.8	0	ISCO	1/31/01	22:17	C. Fenton	22441				
29		01IS 0165	VD SAMPSON	01/30/01	13:25	Time ISCO	29.7	0	ISCO	1/31/01	22:20	C. Fenton	22441				
29		01IS 0166	VD SAMPSON	01/30/01	16:25	Time ISCO	28.8	0	ISCO	1/31/01	22:22	C. Fenton	22441				
37		01IS 0229	VD SAMPSON	none		ISCO	14.4	0	ISCO	2/11/01	12:16	C. Fenton					
37		01IS 0230	VD SAMPSON			ISCO	16	0	ISCO	2/11/01	12:19	C. Fenton					
37		01IS 0231	VD SAMPSON			ISCO	13.3	0	ISCO	2/11/01	12:21	C. Fenton					

Filter ID#	Initial Filter Weight g	Final Filter Weight g	Sediment Wt. Gr	Lab Code	Total Mg/L	FTU Turbidity	Date Sampled	Stage ft.	Discharge CFS	Vel. Str. hi or lo	Vel. dist. Ft.	Vel. sec.	Comments
						24.7	1/27/01	3.78			20'	7.59	falling - sunny
												7.47	
												6.52	
						lo	1/27/01						Lo vol. < 20 ntu - no turb.
						25.7	1/27/01	3.78'			20'	7.59	falling
												7.47	
												6.52	
						22.5	1/27/01	3.77'					backwater
						58.3	1/27/01						Bottle 1 of 24 - set up by J. Noel - 180 min interval
						48.7	1/27/01						B02
						33.2	1/28/01						B03
						27.6	1/28/01						B04
						25.6	1/28/01						B05
						20.4	1/28/01						B06
						41.4	1/28/01						B07
						296	1/28/01						B08
						222	1/28/01						B09
						354	1/28/01						B10
						297	1/29/01						B11
						299	1/29/01						B12
						177	1/29/01						B13
						128	1/29/01						B14
						102	1/29/01						B15
						84.6	1/29/01						B16
						168	1/29/01						B17
						109	1/29/01						B18
						54.1	1/30/01						B19
						40.3	1/30/01						B20
						50.2	1/30/01						B21
						34.8	1/30/01						B22
						29.7	1/30/01						B23
						28.8	1/30/01						B24
						14.4	none	none	See				Bottle 1 of 24 - set up by J. Noel
						16			USGS				B02 - no ssc all bottles
						13.3			Info				B03

Sign in page #	Datasheet #	Sample ID #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Date run	Turbidity Time run	Turbidity By	TUM S/N	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total
37		01IS 0232	VD SAMPSON			ISCO	9.97	0	ISCO	2/11/01	12:22	C. Fenton					
37		01IS 0233	VD SAMPSON			ISCO	8	0	ISCO	2/11/01	12:24	C. Fenton					
37		01IS 0234	VD SAMPSON			ISCO	8.85	0	ISCO	2/11/01	12:27	C. Fenton					
37		01IS 0236	VD SAMPSON			ISCO	empty	0	ISCO			C. Fenton					
37		01IS 0237	VD SAMPSON			ISCO	42.3	0	ISCO	2/11/01	12:31	C. Fenton					
37		01IS 0238	VD SAMPSON			ISCO	43.8	0	ISCO	2/11/01	12:33	C. Fenton					
37		01IS 0239	VD SAMPSON			ISCO	28	0	ISCO	2/11/01	12:34	C. Fenton					
37		01IS 0240	VD SAMPSON			ISCO	19.6	0	ISCO	2/11/01	12:36	C. Fenton					
37		01IS 0241	VD SAMPSON			ISCO	14.4	0	ISCO	2/11/01	12:39	C. Fenton					
38		01IS 0242	VD SAMPSON			ISCO	11.7	0	ISCO	2/11/01	12:41	C. Fenton					
38		01IS 0243	VD SAMPSON			ISCO	10.9	0	ISCO	2/11/01	12:43	C. Fenton					
38		01IS 0244	VD SAMPSON			ISCO	9.61	0	ISCO	2/11/01	12:45	C. Fenton					
38		01IS 0224	VD SAMPSON			ISCO	6.87	0	ISCO	2/11/01	12:47	C. Fenton					
38		01IS 0223	VD SAMPSON			ISCO	6.72	0	ISCO	2/11/01	12:49	C. Fenton					
38		01IS 0227	VD SAMPSON			ISCO	5.3	0	ISCO	2/11/01	12:51	C. Fenton					
38		01IS 0222	VD SAMPSON			ISCO	5.38	0	ISCO	2/11/01	12:53	C. Fenton					
38		01IS 0221	VD SAMPSON			ISCO	5.7	0	ISCO	2/11/01	12:55	C. Fenton					
38		01IS 0220	VD SAMPSON			ISCO	5.53	0	ISCO	2/11/01	12:57	C. Fenton					
38		01IS 0219	VD SAMPSON			ISCO	4.92	0	ISCO	2/11/01	12:59	C. Fenton					
38		01IS 0218	VD SAMPSON			ISCO	5.29	0	ISCO	2/11/01	13:01	C. Fenton					
		01IS 0212	VD SAMPSON			ISCO	5.93	0	ISCO	2/11/01	13:03	C. Fenton					
39		01GR 0390	VD SAMPSON	01/28/01	11:15	R. Sampson	11.8	0	Hach cell	2/12/01	16:58	C. Fenton	22423				
39		01GR0388	VD SAMPSON	01/29/01	11:45	R. Sampson	20.9	0	Hach cell	2/12/01	17:02	C. Fenton	22423				
39		01GR0387	VD SAMPSON	01/29/01	16:45	R. Sampson	47.2	0	Hach cell	2/12/01	17:06	C. Fenton	22423				
39		01GR0391	VD SAMPSON	01/30/01	12:30	R. Sampson	14	0	Hach cell	2/12/01	17:09	C. Fenton	22423				
39		01GR0386	VD SAMPSON	01/30/01	17:30	R. Sampson	14.8	0	Hach cell	2/12/01	17:10	C. Fenton	22423				

Filter ID#	Initial Filter Weight g	Final Filter Weight g	Sediment Wt. Gr	Lab Code	Total Mg/L	FTU Turbidity	Date Sampled	Stage ft.	Discharge CFS	Vel. Str. hi or lo	Vel. dist. Ft.	Vel. sec.	Comments
						9.97							B04
						8							B05
						8.85							B06
						empty							B07
						42.3							B08
						43.8							B09
						28							B10
						19.6							B11
						14.4							B12
						11.7							B13
						10.9							B14
						9.61							B15
						6.87							B16
						6.72							B17
						5.3							B18
						5.38							B19
						5.7							B20
						5.53							B21
						4.92							B22
						5.29							B23
						5.93							B24
						11.8	1/28/01	3.58			20	7.60	no ssc - lo vol. - rising
												6.53	
												7.62	
						20.9	1/29/01	3.75			20	6.97	no ssc - lo vol. - rising
												6.90	
												7.46	
						47.2	1/29/01	3.84			20	7.09	
												7.57	
												8.94	
						14	1/30/01	3.59			20	7.97	falling limb-clear
												8.32	
												7.43	
						14.8	1/30/01	3.55			20	9.62	falling limb - clear
												7.66	
												8.72	

Sign in page #	Datasheet #	Sample ID #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Date run	Turbidity Time run	Turbidity By	TUM S/N	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total
39		01GR389	VD SAMPSON	01/31/01	13:15	R. Sampson	7.88	0	Hach cell	2/12/01	17:13	C. Fenton	22423				
39		01GR0298	VD SAMPSON	02/01/01	13:15	R. Sampson	5.1	0	Hach cell	2/12/01	17:16	C. Fenton	22423				
39		01GR0294	VD SAMPSON	02/02/01	14:15	R. Sampson	5.16	0	Hach cell	2/12/01	17:19	C. Fenton	22423				
40		01GR0293	VD SAMPSON	02/03/01	12:00	R. Sampson	6.65	0	Hach cell	2/12/01	17:21	C. Fenton	22423				
40		01GR0304	VD SAMPSON	02/04/01	13:00	R. Sampson	lo vol.		Hach cell								
40		01GR0288	VD SAMPSON	02/05/01	13:30	R. Sampson	10.01	0	Hach cell	2/12/01	17:24	C. Fenton	22423				
40		01GR0393	VD SAMPSON	02/06/01	15:45	R. Sampson	3.24	0	Hach cell	2/12/01	17:27	C. Fenton	22423				
84		01IS 0252	VD SAMPSON	02/09/01	12:00	Time ISCO	37.2	0	ISCO	2/21/01	18:35	J. Noel	22441				
84		01IS 0176	VD SAMPSON	02/09/01	18:00	Time ISCO	60	0	ISCO	2/21/01	18:35	J. Noel	22441				
84		01IS 0178	VD SAMPSON	02/10/01	00:00	Time ISCO	114	0	ISCO	2/21/01	18:35	J. Noel	22441				
84		01IS 0255	VD SAMPSON	02/10/01	06:00	Time ISCO	55.9	0	ISCO	2/21/01	18:35	J. Noel	22441				
84		01IS 0177	VD SAMPSON	02/10/01	12:00	Time ISCO	35.1	0	ISCO	2/21/01	18:35	J. Noel	22441				
84		01IS 0179	VD SAMPSON	02/10/01	18:00	Time ISCO	21.4	0	ISCO	2/21/01	18:35	J. Noel	22441				
84		01IS 0174	VD SAMPSON	02/11/01	00:00	Time ISCO	25	0	ISCO	2/21/01	18:35	J. Noel	22441				
84		01IS 0175	VD SAMPSON	02/11/01	06:00	Time ISCO	27.2	0	ISCO	2/21/01	18:35	J. Noel	22441				
84		01IS 0173	VD SAMPSON	02/11/01	12:00	Time ISCO	37.4	0	ISCO	2/21/01	18:35	J. Noel	22441				
84		01IS 0253	VD SAMPSON	02/11/01	18:00	Time ISCO	53.2	0	ISCO	2/21/01	18:35	J. Noel	22441				
85		01IS 0168	VD SAMPSON	02/12/01	00:00	Time ISCO	33.9	0	ISCO	2/21/01	18:35	J. Noel	22441				
85		01IS 0170	VD SAMPSON	02/12/01	06:00	Time ISCO	33.1	0	ISCO	2/21/01	18:35	J. Noel	22441				
85		01IS 0169	VD SAMPSON	02/12/01	12:00	Time ISCO	23.1	0	ISCO	2/21/01	18:35	J. Noel	22441				
85		01IS 0251	VD SAMPSON	02/12/01	18:00	Time ISCO	10.7	0	ISCO	2/21/01	18:35	J. Noel	22441				
85		01IS 0171	VD SAMPSON	02/13/01	00:00	Time ISCO	13.3	0	ISCO	2/21/01	18:35	J. Noel	22441				
85		01IS 0172	VD SAMPSON	02/13/01	06:00	Time ISCO	12.4	0	ISCO	2/21/01	18:35	J. Noel	22441				
85		01IS 0167	VD SAMPSON	02/13/01	12:00	Time ISCO	11.7	0	ISCO	2/21/01	18:35	J. Noel	22441				
85		01IS 0262	VD SAMPSON	02/13/01	18:00	Time ISCO	6.99	0	ISCO	2/21/01	18:35	J. Noel	22441				
85		01IS 0261	VD SAMPSON	02/14/01	00:00	Time ISCO	6.5	0	ISCO	2/21/01	18:35	J. Noel	22441				

Filter ID#	Initial Filter Weight g	Final Filter Weight g	Sediment Wt. Gr	Lab Code	Total Mg/L	FTU Turbidity	Date Sampled	Stage ft.	Discharge CFS	Vel. Str. hi or lo	Vel. dist. Ft.	Vel. sec.	Comments
						7.88	1/31/01	3.40			20	8.38	
												9.31	
												9.22	
						5.1	2/1/01	3.25			20	8.40	falling limb - cloudy
												8.88	
												9.00	
						5.16	2/2/01	3.22			20	8.97	am light rain - sno in hills - falling limb
												8.82	
												9.35	
						6.65	2/3/01	3.42			20	7.81	rising limb - cloudy
												9.50	
												9.68	
						lo vol.	2/4/01						lo hach cell vol. - no ssc/turb.
						10.01	2/5/01	3.57			20	8.47	
												8.80	
						3.24	2/6/01	3.40			20	9.50	falling limb - clear
												9.62	
						37.2	02/09/01	none					Bottle 1 of 24 - set up by J. Noel
						60	02/09/01						B02 - 360 min interval
						114	02/10/01						B03 - no ssc allbottles
						55.9	02/10/01						B04
						35.1	02/10/01						B05
						21.4	02/10/01						B06
						25	02/11/01						B07
						27.2	02/11/01						B08
						37.4	02/11/01						B09
						53.2	02/11/01						B10
						33.9	02/12/01						B11
						33.1	02/12/01						B12
						23.1	02/12/01						B13
						10.7	02/12/01						B14
						13.3	02/13/01						B15
						12.4	02/13/01						B16
						11.7	02/13/01						B17
						6.99	02/13/01						B18
						6.5	02/14/01						B19

Sign in page #	Datasheet #	Sample ID #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Date run	Turbidity Time run	Turbidity By	TUM S/N	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total
85		01IS 258	VD SAMPSON	02/14/01	06:00	Time ISCO	8.74	0	ISCO	2/21/01	18:35	J. Noel	22441				
85		01IS 0260	VD SAMPSON	02/14/01	12:00	Time ISCO	7.51	0	ISCO	2/21/01	18:35	J. Noel	22441				
85		01IS 0259	VD SAMPSON	02/14/01	18:00	Time ISCO	4.16	0	ISCO	2/21/01	18:35	J. Noel	22441				
86		01IS 0257	VD SAMPSON	02/15/01	00:00	Time ISCO	6.54	0	ISCO	2/21/01	18:35	J. Noel	22441				
86		01IS 0250	VD SAMPSON	02/15/01	06:00	Time ISCO	5.82	0	ISCO	2/21/01	18:35	J. Noel	22441				
50		01GR 0392	VD SAMPSON	02/10/01	11:30	R. Sampson	76.8	0	Hach cell	2/23/01	14:14	EN CF	22423				
50		01GR0076	VD SAMPSON	02/11/01	13:00	R. Sampson	32.4	0	Hach cell	2/23/01	14:17	EN CF	22423				
50		01GR0078	VD SAMPSON	02/12/01	15:00	R. Sampson	25	0	Hach cell	2/23/01	14:20	EN CF	22423				
50		01GR 0075	VD SAMPSON	02/13/01	15:30	R. Sampson	10.4	0	Hach cell	2/23/01	14:23	EN CF	22423				
57		01GR 0213	VD SAMPSON	02/17/01	12:45	R. Sampson	15.7	0	Hach cell	3/1/01	10:02	DVD					
57		01GR 0215	VD SAMPSON	02/17/01	16:30	R. Sampson	55.3	0	Hach cell	2/22/01	21:31	J. Noel					
57		01GR 0212	VD SAMPSON	02/18/01	11:30	R. Sampson	238	0	Hach cell	2/22/01							
57		01GR 0211	VD SAMPSON	02/19/01	12:00	R. Sampson	58.4	0	Hach cell	2/22/01	21:29	J. Noel					
57		01GR 0214	VD SAMPSON	02/20/01	13:30	R. Sampson	325	0	Hach cell	2/22/01	21:29	J. Noel					
57		01GR 0208	VD SAMPSON	02/21/01	11:45	R. Sampson	244	0	Hach cell	2/22/01	21:30	J. Noel					
57		01GR 0520	VD SAMPSON	02/21/01	20:49	J. Noel	258	0	Hach cell	2/22/01	21:21	J. Noel					
83		01GR 0057	VD SAMPSON	02/22/01	12:15	R. Sampson	347	0	Hach cell	4/2/01	21:25	C. Fenton	22423				

Filter ID#	Initial Filter Weight g	Final Filter Weight g	Sediment Wt. Gr	Lab Code	Total Mg/L	FTU Turbidity	Date Sampled	Stage ft.	Discharge CFS	Vel. Str. hi or lo	Vel. dist. Ft.	Vel. sec.	Comments
						8.74	02/14/01						B20
						7.51	02/14/01						B21
						4.16	02/14/01						B22
						6.54	02/15/01						B23
						5.82	02/15/01	none					Bottle 24 of 24
						76.8	2/10/01	3.55		hi	20	7.09	rising stage - clear - 20" strand width
												8.11	
												7.07	
						32.4	2/11/01	3.58		hi	20	7.32	clear - rising
												7.88	
						25	2/12/01	3.40			20	9.90	falling linb - sno in hills - clear
												7.81	
												9.19	
						10.4	2/13/01	3.32			20	9.22	falling - clear
												10.25	
												7.96	
						15.7	2/17/01	3.42			20	7.44	
												6.69	
												7.00	
						55.3	2/17/01	3.65			20	7.12	
												8.09	
												7.44	
						238	2/18/01						
						58.4	2/19/01	4.50			20	4.75	
												4.75	
						325	2/20/01	5.30			20	3.35	
												4.06	
												3.78	
						244	2/21/01	5.50			20	3.94	
												4.44	
												4.07	
						258	2/21/01	5.72					
						347	2/22/01	5.95			20	3.56	rainy - rising
												3.12	
												3.09	

Sign in page #	Datasheet #	Sample ID #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Date run	Turbidity Time run	Turbidity By	TUM S/N	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total
83		01GR 0060	VD SAMPSON	02/23/01	14:45	R. Sampson	92.5	0	Hach Cell	4/2/01	21:28	C. Fenton	22423				
86		01IS 0363	VD SAMPSON	02/21/01	20:48	Time ISCO	222	0	ISCO	none	recorded	J. Noel	22441				
		01IS 0363	VD SAMPSON	02/21/01	20:48	Time ISCO	341	0	ISCO	none	recorded	J. Noel	22441				
		01IS 0365	VD SAMPSON	02/22/01	02:48	Time ISCO	737	0	ISCO	none	recorded	J. Noel	22441				
		01IS 0366	VD SAMPSON	02/22/01	08:48	Time ISCO	335	0	ISCO	none	recorded	J. Noel	22441				
		01IS 0367	VD SAMPSON	02/22/01	14:48	Time ISCO	200	0	ISCO	none	recorded	J. Noel	22441				
		01IS 0368	VD SAMPSON	02/22/01	20:48	Time ISCO	141	0	ISCO	none	recorded	J. Noel	22441				
		01IS 0369	VD SAMPSON	02/23/01	02:48	Time ISCO	112	0	ISCO	none	recorded	J. Noel	22441				
		01IS 0370	VD SAMPSON	02/23/01	08:48	Time ISCO	80.3	0	ISCO	none	recorded	J. Noel	22441				
		01IS 0371	VD SAMPSON	02/23/01	14:48	Time ISCO	76.6	0	ISCO	none	recorded	J. Noel	22441				
		01IS 0372	VD SAMPSON	02/23/01	20:48	Time ISCO	65.6	0	ISCO	none	recorded	J. Noel	22441				
		01IS 373	VD SAMPSON	02/24/01	02:48	Time ISCO	59.9	0	ISCO	none	recorded	J. Noel	22441				
83		01GR 0205	VD SAMPSON	03/07/01	13:30	R. Sampson	46.6	0	Hach Cell	4/2/01	12:30	C. Fenton	22423				
83		01GR 0055	VD SAMPSON	03/08/01	16:30	R. Sampson	34.3	0	Hach Cell	4/2/01	21:32	C. Fenton	22423				
83		01GR 0058	VD SAMPSON	03/11/01	12:15	R. Sampson	13.4	0	Hach Cell	4/2/01	21:36	C. Fenton	22423				
83		01GR 0056	VD SAMPSON	03/12/01	14:15	R. Sampson	8.9	0	Hach Cell	4/2/01	21:38	C. Fenton	22423				
83		01GR 0059	VD SAMPSON	03/24/01	16:00	R. Sampson	9.22	0	Hach Cell	3/27/01	15:11	J. Noel					
83		01GR 0537	VD SAMPSON	03/25/01	12:15	R. Sampson	318	0	Hach Cell	3/27/01	15:15	J. Noel					

Filter ID#	Initial Filter Weight g	Final Filter Weight g	Sediment Wt. Gr	Lab Code	Total Mg/L	FTU Turbidity	Date Sampled	Stage ft.	Discharge CFS	Vel. Str. hi or lo	Vel. dist. Ft.	Vel. sec.	Comments
						92.5	2/23/01	5.05			20	4.66	falling limb - clear
												4.50	
												4.94	
						222	02/21/01	none					Bottle 1 of 11 - set up by J. Noel
						341	02/21/01						B02
						737	02/22/01						B03
						335	02/22/01						B04
						200	02/22/01						B05
						141	02/22/01						B06
						112	02/23/01						B07
						80.3	02/23/01						B08
						76.6	02/23/01						B09
						65.6	02/23/01						B10
						59.9	02/24/01	none					Bottle 11 of 11
						46.6	3/7/01	4.70			20	7.50	falling limb - clear
												6.40	
												7.00	
						34.3	3/8/01	4.45			20	6.34	falling limb
												6.94	
												7.12	
						13.4	3/11/01	3.95			20	8.47	falling limb
												9.53	
												8.93	
						8.9	3/12/01	3.80			20	11.00	falling limb - clear
												9.03	
												9.62	
						9.22	3/24/01	3.75			20	8.46	rising limb - raining
												8.81	
												7.50	
						318	3/25/01	5.35			20	4.16	rising cloudy
												3.97	
												3.85	

Sign in page #	Datasheet #	Sample ID #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Date run	Turbidity Time run	Turbidity By	TUM S/N	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total
84		01GR 0563	VD SAMPSON	03/26/01	18:15	R. Sampson	35.5	0	Hach Cell	3/27/01	15:12	J. Noel					
84		01GR 0562	VD SAMPSON	03/27/01	15:00	R. Sampson	17.3	0	Hach Cell	3/27/01	15:13	J. Noel					
103		01GR 0560	VD SAMPSON	04/07/01	11:30	R. Sampson	6.4	0	Hach Cell	4/27/01	9:28	C. Fenton	9614				
103		01GR 0564	VDSAMPSON	04/08/01	16:00	R. Sampson	36.8	0	Hach Cell	4/27/01	9:29	C. Fenton	9614				
103		01GR 0559	VD SAMPSON	04/09/01	16:00	R. Sampson	14.2	0	Hach Cell	4/27/01	9:30	C. Fenton	9614				
104		01GR 0849	VD SAMPSON	04/20/01	17:00	R. Sampson	104	0	Hach Cell	4/27/01	9:36	C. Fenton	9614				

Filter ID#	Initial Filter Weight g	Final Filter Weight g	Sediment Wt. Gr	Lab Code	Total Mg/L	FTU Turbidity	Date Sampled	Stage ft.	Discharge CFS	Vel. Str. hi or lo	Vel. dist. Ft.	Vel. sec.	Comments			
						35.5	3/26/01	4.15			20	8.56	clear - falling stage			
												8.25				
												7.90				
						17.3	3/27/01	3.90			20	7.75	cloudy - rising			
												9.13				
												8.22				
						6.4	4/7/01	3.40			20	11.28	rising limb - rain start 4-6-01 0.7" rain			
												12.60				
												9.97				
						36.8	4/8/01	3.25			20	11.06	cloudy - rain start 4-6-01			
												10.66				
												10.66				
						14.2	4/9/01	3.35			20	12.62	clear - rising - rain start 4-8-01 0.5" rain			
												11.62				
						104	4/20/01			lo	30	11.80	showers - rain start @ 4-19-01 21:00			
												16.40				

Grizzly Creek - Van Duzen River (VDGRIZ)

Compiled by Eric Nyman and Clark Fenton

HWY 36 BRIDGE - Humboldt County, California

Checked By C. Fenton

Hydrologic Year 01

Turbidity / Suspended Sediment Data - provisional

Salmon Forever / Sunny Brae Sediment Lab

Sign in page #	Datasheet #	Sample ID #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Date run	Turbidity Time run	Turbidity By	Tum S/N	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total	Filter ID
7		01GR0142	VD GRIZ	12/22/00	13:15	J. Noel	20.9	0	Hach Cell	12/23/00	11:41	J. Noel						
8	6	01GR0015	VD GRIZ	12/23/00	14:08	J. Noel	24.7	0	Hach Cell	12/27/00	19:04	J. Noel		18.1	38.5	20.4	1 1	93
12		01GR 0237	VD GRIZ	01/11/01	10:07	J. Noel	50.2	0	Hach Cell	01/11/01	17:36	J. Noel						
30		01GR0185	VD GRIZ	01/29/01	15:50	S. Greene	35.8	0	Hach Cell	02/01/01	20:07	C. Fenton	22441					
30		01GR0181	VD GRIZ	01/30/01	15:50	S. Greene	16.8	0	Hach Cell	02/02/01	21:07	C. Fenton	22441					
31		01GR0052	VD GRIZ	02/02/01	16:27	S. Greene	10.2/lo	0	Hach Cell	02/05/01	17:31	C. Fenton						
40		01GR0052	VD GRIZ	02/02/01	16:00	S. Greene	7.66	0	Hach Cell	02/12/01	17:32	C. Fenton						
36		01GR 0572	VD GRIZ	02/09/01	13:24	J. Noel	82	0	2X6	02/11/01	14:54	C. Fenton	22423					
36		01GR 0568	VD GRIZ	02/09/01	14:24	J. Noel	87	0	2X6	02/11/01	14:58	C. Fenton	22423					
36		01GR 0570	VD GRIZ	02/09/01	15:04	J. Noel	89.2	0	2X6	02/11/01	15:04	C. Fenton	22423					
39		01GR 0567	VD GRIZ	02/09/01	14:23	J. Noel	55.4	0	2X6	02/11/01	15:13	C. Fenton	22423					
39		01DI 0013	VD GRIZ	02/09/01	15:04	J. Noel	86.7	0	di	02/11/01	15:25	C. Fenton	22423					
41	7	01GR0163	VD GRIZ	02/09/01	11:04	S. Greene	41.9	0	Hach Cell	02/14/01	18:32	CF/DVD	22423	18.2	34.4	16.2	1 1	120
41	7	01GR0164	VD GRIZ	02/09/01	18:12	S. Greene	112	0	Hach Cell	02/14/01	18:37	CF/DVD	22423	18.2	33.8	15.6	1 1	121
44	7	01GR 0165	VD GRIZ	02/12/01	09:50	S. Greene	21.4	0	Hach Cell	02/19/01	11:05	C. Fenton	22423	17.8	32.1	14.3	1 1	116
50		01GR0166	VD GRIZ	02/17/01	14:50	S. Greene	397	0	Hach Cell	02/23/01	14:28	C. Fenton	22423					

Grizzly Creek - Van Duzen River (VDGRIZ)													
HWY 36 Bridge - Humboldt County, California													
Hydrologic Year 01													
Turbidity / Suspended Sediment Data - provisional													
Salmon Forever / Sunny Brae Sediment Lab													
floating object velocity													
Stage is measured from top of bridge rail/upstream /center of bridge													
Initial Filter Weight g	Final Filter Weight g	Sediment Wt.	Lab Code	Total Mg/L	FTU Turbidity	Date Sampled	Raw Stage	Stage	Discharge CFS	Vel. Str. hi or lo	Vel. dist. Ft.	Vel. sec.	Comments
					20.9	12/22/00		234"					from concrete rail upstream side
0.09908	0.09953	0.00045	0	22.06	24.7	12/23/00		233"					dn conc. Rail
					50.2	01/11/01		19'0"			40.00	10.42	
												9.44	RL
												11.60	RR
					35.8	01/29/01					4?	9.00	
											12.00	9.00	
											20.00	9.00	
					16.8	01/30/01					30.00	12.00	falling
					10.2/lo	02/02/01							lo hach cell vol
					7.66	02/02/01	9.35" cv flo depth				20.00	13.79	w/P. Boyle - falling stage - rain start early am - overcast
												12.85	
												13.01	
					82	02/09/01		19' 5"					dn conc. rail upstream - rain - rising - discharge
					87	02/09/01		19'4.5"					
					89.2	02/09/01		19'3.5"					see discharge sheet previous sample for vel.
					55.4	02/09/01							
					86.7	02/09/01		19'3.5"					w/discharge and depth integrated sample
0.113	0.11346	0.00046	0	28.40	41.9	02/09/01					5.00	11.00	rising stage- lots of notes
											12.00	10.00	
											15.00	11.00	
0.10055	0.10201	0.00146	0	93.60	112	02/09/01					12.00	7.00	rising stage - lots of notes
											14.00	7.00	
											10.00	7.00	
0.11285	0.11292	0.00007	0	4.90	21.4	02/12/01					10.00	7.00	rain - falling stage - fair
											15.00	8.00	
											20.00	8.00	
					397	02/17/01					10.00	4.59	rain - rising stage
											12.00	4.33	
											10.00	4.45	

Sign in page #	Datasheet #	Sample ID #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Date run	Turbidity Time run	Turbidity By	Turn S/N	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total	Filter ID
50		01GR0167	VD GRIZ	02/17/01	17:25	S. Greene	191	0	Hach Cell	02/23/01	14:29	C. Fenton	22423					
56		01GR 0168	VD GRIZ	02/20/01	09:25	S. Greene	187	0	Hach Cell	03/01/01	09:30	D. Vdyke						
57		01GR0612	VD GRIZ	02/22/01	11:40	S. Greene	146	0	Hach Cell	03/01/01	09:37	DVD						
57		01GR0610	VD GRIZ	02/25/01	15:55	S. Greene	63.1	0	Hach Cell	03/01/01	09:50	DVD						
71		01GR 0613	VD GRIZ	03/04/01	13:40	S. Greene	465	0	Hach Cell	03/08/01	11:26	CF EN	22423					
71		01GR 0615	VD GRIZ	03/08/01	13:50	S. Greene	245	0	Hach Cell	03/08/01	11:22	CF EN	22423					
76		01GR 0611	VD GRIZ	03/14/01	11:20	S. Greene	8.2	0	Hach Cell	03/15/01	20:16	C. Fenton						
80		01GR 0802	VD GRIZ	03/24/01	17:10	S. Greene	12.3	0	Hach Cell	04/02/01	19:19	C. Fenton	22423					
80		01GR 0817	VD GRIZ	03/25/01	13:50	S. Greene	169	0	Hach Cell	04/02/01	19:21	C. Fenton	22423					
80		01GR 0818	VD GRIZ	03/25/01	14:10	S. Greene	25.4	0	Hach Cell	04/02/01	19:25	C. Fenton	22423					
		01GR 0656	VD GRIZ	03/28/01	12:00	S. Greene	10.9	0	Hach Cell	04/14/01	15:48	C. Fenton	9614					
		01GR 0654	VD GRIZ	04/02/01	14:05	S. Greene	4.91	0	Hach Cell	04/14/01	15:47	C. Fenton	9614					
104		01GR 0851	GRIZ BRIDGE	04/20/01	17:37	S. Greene	157	0	Hach Cell	04/27/01	09:38	C. Fenton	9614					

Initial Filter	Final Filter	Sediment	Lab	Total	FTU	Date	Raw	Stage	Discharge	Vel. Str.	Vel.	Vel.	Comments			
Weight g	Weight g	Wt.	Code	Mg/L	Turbidity	Sampled	Stage		CFS	hi or lo	dist. Ft.	sec.				
					191	02/17/01					10.00	5.00	rising - overcast			
				SSC								5.00				
				Data								4.50				
				not availab	187	02/20/01					12.00	3.77				
				yet								3.52				
												3.98				
					146	02/22/01	19" cv depth - 25' cv				12.00	2.88				
												2.68				
					63.1	02/25/01	14" cv depth				15.00	4.83	22' culvert			
											15.00	5.15				
											16.00	4.39				
					465	03/04/01	17" flo depth				17.00	2.24	showers - falling stage			
											15.00	3.12				
											15.00	3.20				
					245	03/08/01	7.5" depth				15.00	6.07	fair			
											15.00	7.16				
					8.2	03/14/01	7" cv depth				6.00	14.36	32.5' dia cv			
					12.3	03/24/01	7.5"					17.11	32' cv size			
												16.76				
					169	03/25/01	6"				50.00	2.92	70 cv size			
												3.09				
					25.4	03/25/01	12.5"				20.00	10.25	14" peak stage			
												11.96				
					10.9	03/28/01										
					4.91	04/02/01	9" cv depth			hi	4.00	16.67				
												16.36	fair - falling stage			
					157	04/20/01				hi	15.00	5.15	cloudy - rain start 21:00 4-19-01			
												5.92				
												4.14				
										lo	4.00	9.21				
												7.91				

Sign in page #	Datasheet #	Sample ID #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Date run	Turbidity Time run	Turbidity By	Tum S/N	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total	Filter ID
57		01GR 0216	VDRFIEDLEF	02/22/01	12:05	S. Greene	275	0	Hach Cell	03/01/01	09:46	DVD						
71		01GR 0614	DRCHEATA	03/04/01	14:08	S. Greene	430	0	Hach Cell	03/08/01	11:26	CF/EN	22423					
80		01GR 0819	VDR below Root	03/25/01	14:40	S. Greene	172	0	Hach Cell	04/02/01	19:04	C. Fenton						
80		01GR 0820	DRCHEATA	03/25/01	15:10	S. Greene	179	0	Hach Cell	04/02/01	19:10	C. Fenton						
80		01GR 0821	VDR Riverside Pk	03/25/01	15:35	S. Greene	250	0	Hach Cell	04/02/01	19:16	C. Fenton						
		01GR 0849	ainstem VD at Griz	04/20/01	17:00	S. Greene	104	0	Hach Cell	04/27/01	09:36	C. Fenton	9614					
104		01GR 0850	Mouth Griz	04/20/01	17:15	S. Greene	183	0	Hach Cell	04/27/01	09:37	C. Fenton	9614					

Initial Filter Weight g	Final Filter Weight g	Sediment Wt.	Lab Code	Total Mg/L	FTU Turbidity	Date Sampled	Raw Stage	Stage	Discharge CFS	Vel. Str. hi or lo	Vel. dist. Ft.	Vel. sec.	Comments
				SSC Data	275	02/22/01	8" cv depth				1'	5.02	5' culvert - falling
				not available yet								4.40	
					430	03/04/01	11" flo depth				30.00	3.70	
												3.34	
					172	03/25/01	16"				20.00	2.82	75' cv size
												2.97	
					179	03/25/01	7"				30.00	4.24	
												4.84	
				Data not available yet								4.31	
					250	03/25/01	10"				25.00	3.33	60' cv size
												4.55	
					104	04/20/01				lo	10.00	11.80	showers - rising
											15.00	16.40	
					183	04/20/01							rising - photos - massive amounts mud showers

Jacoby Creek at Old Arcata Road Bridge (OAR)

Old Arcata Road (F3K300) PM 7.49 Bridge # 4C-0182

Compiled by Eric Nyman and Clark Fenton

Humboldt County, California

Checked By C. Fenton

Hydrologic Year 01

Grab Sampling: Turbidity / Suspended Sediment Data - provisional

Salmon Forever / Sunny Brae Sediment Lab

Sign in page #	Datasheet #	Sample ID #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Date run	Turbidity Time run	Turbidity By	TUM S/N	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total	Filter ID#
20	9	01GR0400	OAR	1/12/01	9:55	B. Thompson	10.4	0	Hach Cell	1/27/01	16:56	C. Fenton	22441	18	34.4	16.4	1 1	159
20	9	01GR0409	OAR	1/24/01	9:55	B. Thompson	26.5	0	Hach Cell	1/27/01	17:24	C. Fenton	22441	18.4	35.1	16.7	1 1	168
21		01GR0411	OAR	1/25/01	11:20	B. Thompson	56	0	Hach Cell	1/27/01	17:37	C. Fenton	22441					
21	10	01GR475	OAR	1/25/01	14:40	B. Thompson	300+-	0	Hach Cell	1/27/01	18:12	C. Fenton	22441	18.1	31.5	13.4	1 1	184
51		01GR0267	OAR	2/19/01	7:35	B. Thompson	10.3	0	Hach Cell	2/22/01	20:25	CF/EN	22423					
58		01GR0283	OAR	2/21/01	10:50	B. Russell	31	0	Hach Cell	3/1/01	10:30	DVD						
52		01GR0577	OAR	2/21/01	11:30	B. Thompson	103	0	Hach Cell	2/22/01	21:04	CF/EN	22423					
52		01GR0581	OAR	2/22/01	9:20	B. Thompson	125	0	Hach Cell	2/22/01	21:08	CF/EN	22423					
52		01GR 0580	OAR	2/22/01	7:05	B. Thompson	lo vol.											
52		01GR0584	OAR	2/22/01	10:10	B. Thompson	100	0	Hach Cell	2/22/01	21:16	CF/EN	22423					

Jacoby Creek at Old Arcata Road Bridge (OAR)

Old Arcata Road (F3K300) PM 7.49 Bridge # 4C-0182

Humboldt County, California

Hydrologic Year 01

Bridge width 36'

Grab Sampling: Turbidity / Suspended Sediment Data - provisional

top of rail to creek bed 160" 1-11-01

Salmon Forever / Sunny Brae Sediment Lab

Raw stage is measured as inches down from e-side/ upstream top of br. Rail / black tape mark - top rail

Stage is measured as depth of flo

Initial Filter Weight g	Final Filter Weight g	Sediment Wt. Gr	Lab Code	Total Mg/L	FTU Turbidity	Date Sampled	Time Sampled	Raw Stage - inches	Stage inches	Discharge CFS	Vel. Str. hi or lo	Vel. dist. Ft.	Vel. sec.	Comments
0.11098	0.11105	0.00007	0	4.3	10.4	1/12/01	9:55	148	12"			10	3.30	E-side measure stage - clear
													3.15	
													3.28	
0.11035	0.11067	0.00032	0	19.2	26.5	1/24/01	9:55	146	14"			10	2.59	light rain
													2.77	
													2.77	
					56	1/25/01	11:20	143	17"			10	2.51	light rain
													2.60	
													2.60	
0.11049	0.11668	0.00619	0	462.1	300+-	1/25/01	14:40	142.5	17.5"			10	2.30	raining - lo cell vol.
													2.19	
													2.07	
					10.3	2/19/01	7:35	147	13"			10	17.53	
													17.68	
													18.01	
					31	2/21/01	10:50	146"	14			Br. Width	9.00	Sunny - storm passed a few hrs ago
													9.10	
													9.10	
					103	2/21/01	11:30	141.5	18.5"			10	1.54	organics
													1.57	
													1.52	
					125	2/22/01	9:20	119	41"			10	1.53	dl
													1.43	
													1.72	
					lo vol.	2/22/01	7:05	115.5	44.5			10	1.72	light rain
													1.59	
													1.65	
					100	2/22/01	10:10		40"dl			10	1.68	overcast
													1.77	

Sign in page #	Datasheet #	Sample ID #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Date run	Turbidity Time run	Turbidity By	TUM S/N	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total	Filter ID#
58		01GR0291	OAR	2/23/01	10:30	B. Russell	67.4	0	Hach Cell	3/2/01	10:33	DVD	9614					
94		01GR 0595	OAR	4/6/01	16:00	B. Thompson	25.1	0	Hach Cell	4/13/01	23:05	C. Fenton	9614					

Initial Filter	Final Filter	Sediment	Lab	Fine Sed.	FTU	Date	Time	Raw	Stage	Discharge	Vel. Str.	Vel.	Vel.	Comments
Weight g	Weight g	Wt. Gr	Code	Mg/L	Turbidity	Sampled	Sampled	Stage - inches	inches	CFS	hi or lo	dist. Ft.	sec.	
					67.4	2/23/01	10:30	122"	38			Br. Width	6.20	peak stage 1 hour ago
													7.80	
													6.80	
					25.1	4/6/01	16:00	146"	14"			10	1.92	water 14" deep - rising limb - raining
													2.04	
													1.94	

Jacoby Creek - Morrison Gulch (MOR)

South Quarry Road (4K240)

Humboldt County, California

Hydrologic Year 01

Compiled by Eric Nyman and Clark Fenton

Checked By C. Fenton

Grab Sampling: Turbidity / Suspended Sediment Data - provisional

Salmon Forever / Sunny Brae Sediment Lab

Sign in page #	Datasheet #	Sample ID #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Date run	Turbidity Time run	Turbidity By	TUM S/N	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total
17		01GR0299	MOR	01/08/01	10:00	B. Thompson	49.2	0	Hach Cell	01/21/01	17:14	J. Noel					
12		01GR0396	MOR	01/09/01	16:45	B. Thompson	21.4	0	Hach Cell	01/11/01	18:10	J. Noel					
20	9	01GR0401	MOR	01/23/01	15:45	B. Thompson	11.5	0	Hach Cell	01/27/01	17:06	C. Fenton	22441	18.3	34.9	16.6	1 1
20		01GR0410	MOR	01/24/01	10:30	B. Thompson	27.6	0	Hach Cell	01/27/01	17:28	C. Fenton	22441				
21	10	01GR 0497	MOR	01/25/01	12:45	B. Thompson	200+	0	Hach Cell	01/27/01	18:14	C. Fenton		18.2	31.4	13.2	1 1
		01GR 0476	MOR	02/19/01	11:15	B. Thompson	-	LO VOL.									
52		01GR0575	MOR	02/21/01	10:55	B. Thompson	42.3	0	Hach Cell	02/22/01	21:00	CF/EN	22423				
		01GR 0583	MOR	02/22/01	9:45	B. Thompson	lo vol.										
94		01GR 0593	MOR	04/06/01	16:21	B. Thompson	36.8	0	Hach Cell	04/13/01	23:07	C. Fenton	9614				

Jacoby Creek - Morrison Gulch (MOR)

South Quarry Road (4K240)
Humboldt County, California
Hydrologic Year 01

Grab Sampling: Turbidity / Suspended Sediment Data - provisional

There is an existing dn stream staff plate not used

Salmon Forever / Sunny Brae Sediment Lab

Floating object velocity is measured at culvert lip 10' into culvert

stage is measured as flo in bottom of 5' culvert

Filter ID	Initial Filter Weight g	Final Filter Weight g	Sediment Wt. Gr	Lab Code	Fine Sed. Mg/L	FTU Turbidity	Date Sampled	Stage inches	Discharge CFS	Vel. Str. hi or lo	Vel. dist. Ft.	Vel. sec.	Comments
						49.2	01/08/01	5"			10	4.26	raining 5' cv dia.
												5.44	
												4.55	
						21.4	01/09/01	4"			10	4.24	light rain
												4.72	
												4.12	
162	0.10939	0.10952	0.00013	0	7.8	11.5	01/23/01	3.5"			10	3.02	raining
												3.27	
												3.01	
						27.6	01/24/01	7"			10	2.10	lo vol. 5' cv - break in rain
												2.41	
												2.05	
185	0.10688	0.11093	0.00405	0	306.9	200+	01/25/01						lo cell vol. No field form
						lo vol.	02/19/01	5.5			10	2.61	lo cell vol no turb.
												2.83	
												2.89	
						42.3	02/21/01	8.5"			10	1.71	sunny
												1.50	
												1.60	
						lo vol.	02/22/01	13.5			10	1.26	overcast
												1.83	
												1.48	
						36.8	04/06/01	7"			10	1.78	
												1.78	
												1.83	

Jacoby Creek / Steep Creek- MM1.65 (MM1.65)

Jacoby Creek Road (4K230) PM 1.65

Humboldt County, California

Hydrologic Year 01

Grab Sampling: Turbidity / Suspended Sediment Data - provisional

Salmon Forever / Sunny Brae Sediment Lab

Sample is taken from Steep Creek at 36" round corrugated metal culvert under Jacoby Creek Road.

Sign in page #	Datasheet #	Sample ID #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Date run	Turbidity Time run	Turbidity By	TUM S/N	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.
17		01GR0054	MM 1.65	01/08/01	10:30	B. Thompson	92.3	0	Hach Cell	01/21/01	17:10	J. Noel				
13		01GR0397	MM 1.65	01/09/01	17:00	B. Thompson	15.2	0	Hach Cell	01/11/01	18:11	J. Noel				
20	9	01GR0421	MM 1.65	01/23/01	16:25	B. Thompson	183	0	Hach Cell	01/27/01	17:13	C. Fenton	22441	18.3	33.5	15.2
21	10	01GR0495	MM 1.65	01/25/01	12:25	B. Thompson	158	0	Hach Cell	01/27/01	17:50	C. Fenton	22441	18.2	33.8	15.6
52		01GR0489	MM 1.65	02/21/01	10:18	B. Thompson	35.1	0	Hach Cell	02/22/01	20:53	CF/EN	22423			
94		01GR 0578	MM 1.65	04/06/01	16:48	B. Thompson	51.5	0	Hach Cell	04/13/01	23:09	C. Fenton	9614			

Jacoby Creek / Steep Creek- MM1.65 (MM1.65)

Jacoby Creek Road (4K230) PM 1.65

Humboldt County, California

Hydrologic Year 01

Grab Sampling: Turbidity / Suspended Sediment Data - provisional

2nd culvert kicks in at 1.5' stage

Salmon Forever / Sunny Brae Sediment Lab

Floating obj. velocity measured 10' upstrm of corrugated metal culvert

Stage is measured as depth of flo in bottom of 36" culvert upstream end

Filter Total	Filter ID#	Initial Filter Weight g	Final Filter Weight g	Sediment Wt. GR	Lab Code	Fine Sed. Mg/L	FTU Turbidity	Date Sampled	Time Sampled	Stage inches	Discharge CFS	Vel. Str. hi or lo	Vel. dist. Ft	Vel. sec.	Comments
							92.3	01/08/01	10:30	2.5					36" cv
							15.2	01/09/01	17:00	4"			10	5.92	raining
													4.25		
													5.29		
1	1	164	0.11088	0.11402	0	206.6	183	01/23/01	16:25	3.5"			5	1.86	raining - vel. into cv from 10' upstream
													1.59		
													1.84		
1	1	182	0.111	0.11616	0	330.8	158	01/25/01	12:25	12"			10	1.82	raining 36" cv
													2.12		
													2.02		
							35.1	02/21/01	10:18	6"			10	1.21	cv size 3'
													1.41		
													1.43		
							51.5	04/06/01	16:48	3"			10	1.04	3' cv
													1.10		
													1.07		

Jacoby Creek Tributary - MM1.20 (MM1.20)

Jacoby Creek Road (4K230) PM 1.20

Compiled by E. Nyman and C. Fenton

Humboldt County, California

Checked By C. Fenton

Hydrologic Year 01

Grab Sampling: Turbidity / Suspended Sediment Data - provisional

Salmon Forever / Sunny Brae Sediment Lab

Sample is taken upstream of 8.5' round corrugated metal culvert

Sign in page #	Datasheet #	Sample ID #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Date run	Turbidity Time run	Turbidity By	TUM S/N	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total
7		01GR0331	MM1.20	12/15/00	17:15	J. Dixon	28	0	Hach Cell	12/23/00	15:20	B. Thompson	22423				
7		01GR0282	MM1.20	12/20/00	10:00	B. Thompson	6.86	0	Hach Cell	12/23/00	14:50	B. Thompson	22423				
17		01GR0355	MM1.20	01/08/01	10:15	B. Thompson	11.8	0	Hach Cell	01/21/01	17:15	J. Noel					
12		01GR0398	MM1.20	01/09/01	16:53	B. Thompson	22.2	0	Hach Cell	01/11/01	18:12	J. Noel					
20	9	01GR0420	MM1.20	01/23/01	16:05	B. Thompson	391	0	Hach Cell	01/27/01	17:09	CF	22441	18.3	33.2	14.9	1 1
21		01GR0496	MM1.20	01/25/01	12:35	B. Thompson	567	0	Hach Cell	01/27/01	17:52	CF	22441				
51		01GR0490	MM1.20	02/19/01	08:25	B. Thompson	22.3	0	Hach Cell	02/22/01	20:35	CF/EN	22423				
52		01GR0574	MM1.20	02/21/01	10:35	B. Thompson	86.9	0	Hach Cell	02/22/01	20:56	CF/EN	22423				
94		01GR 0592	MM 1.20	04/06/01	16:35	B. Thompson	159	0	Hach Cell	04/13/01	23:08	C. Fenton	9614				

Jacoby Creek - MM1.20 (MM1.20)

Jacoby Creek Road (4K230) PM 1.20

Humboldt County, California

Hydrologic Year 01

Grab Sampling: Turbidity / Suspended Sediment Data - provisional

Salmon Forever / Sunny Brae Sediment Lab

Floating object velocity is measured at inside of culvert 10' to downstream end

Stage is measured as culvert flow depth at downstream end

Filter ID#	Initial Filter Weight g	Final Filter Weight g	Sediment Wt. Gr	Lab Code	Total Mg/L	FTU Turbidity	Date Sampled	Stage	Discharge CFS	Vel. dist. Ft.	Vel. sec.	Comments
						28	12/15/00			10	11.50	dry-rain 12-13-01 timing measurement taken on s. side of culvert- where pool stands - no depth marked yet
						6.86	12/20/00	3				N. side of culvert - flo too low to time - 8.5x7.5 oval cv
						11.8	01/08/01	7"				Yl. Brn. Sediment from road fill flowing into cv. Upstream fill slope - light rain - flo too rocky to measure yet
						22.2	01/09/01	4"		10	5.14	raining
											4.92	
											5.20	
163	0.1114	0.11558	0.00418	0	280.6	391	01/23/01	3"		10	3.37	raining - sample from s-end / sed entering cv e-side not main flo -
											3.76	some researcher has walked this feeder stream with a marker stream
											3.12	since last visit 1-9-01
						567	01/25/01	9"		10	1.08	8'6"x7'6" cv
											1.40	
											1.20	
						22.3	02/19/01	2"		10	2.90	
											2.70	
											2.67	
						86.9	02/21/01	5.5		10	1.56	cv size 8'6" x 7' 6"
											1.53	
											1.60	
						159	04/06/01	6.5		10	1.45	RL
											1.45	
											1.42	

Jacoby Creek - Eric Creek (ERIC)

Eric Creek- 3.5 miles east of Old Arcata Road on Jacoby Creek Rd. (C4K230)

Compiled by Eric Nyman and Clark Fenton

Humboldt County, California

Checked By C. Fenton

Hydrologic Year 01

Grab Sampling: Turbidity / Suspended Sediment Data - provisional

Salmon Forever / Sunny Brae Sediment Lab

Eric Creek is sampled at RCP under Jacoby Creek road at Eric Lane

Sign in page #	Datasheet #	Sample ID #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Date run	Turbidity Time run	Turbidity By	TUM S/N	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total	Filter ID#
8		01GR0255	ERIC	12/23/00	14:00	G. Blue	237	0	Hach Cell	12/23/00	16:05	B. Thompson						
12		01GR0257	ERIC	01/08/01	14:30	G. Blue	174	0	Hach Cell	1/11/01	18:06	J. Noel						
17		01GR0354	ERIC	01/08/01	10:50	G. Blue	545	0	Hach Cell	1/21/01	17:12	J. Noel						
12		01GR0301	ERIC	01/09/01	15:30	G. Blue	172	0	Hach Cell	1/11/01	18:07	J. Noel						
19	9	01GR0261	ERIC	01/10/01	18:45	G. Blue	211	0	Hach Cell	1/27/01	16:20	C. Fenton		17.9	34.6	16.7	1 1	155
20	9	01GR0423	ERIC	01/23/01	16:50	G. Blue	1000+	1	Hach Cell	1/27/01	17:19	C. Fenton				14.9	1 1	
19	9	01GR0262	ERIC	01/25/01	12:45	G. Blue	640	0	Hach Cell	1/27/01	16:23	C. Fenton		18.2	35.3	17.1	1 1	156
21	10	01GR0493	ERIC	01/25/01	12:05	G. Blue	905.1	1	Hach Cell	1/27/01	17:44	C. Fenton	22441			14.9	1 1	180
51		01GR 0491	ERIC	02/19/01	07:55	B. Thompson	-											
52		01GR0479	ERIC	02/21/01	09:50	G. Blue	148	0	Hach Cell	2/22/01	20:47	CF/EN	22423					

Initial Filter Weight g	Final Filter Weight g	Sediment Wt. Gr	Lab Code	Total Mg/L	FTU Turbidity	Date Sampled	Raw Stage	Stage	Discharge CFS	Vel. Str. hi or lo	Vel. dist. ft.	Vel. sec.	Comments
Distance to bottom of culvert from yellow marked rock is 46.5"													
Gerry Blue's gage is 20' upstream of culvert - yardstick tied to metal pipe													
Floating object velocity is measured at gage downstream or 10' upstream of culvert													
Raw stage is measured as inches down(culvert invert) in a 36" round corrugated pipe culvert													
Stage is measured as inches of flow in bottom of 36 "culvert													
0.11326	0.11517	0.00191	0	114.4	211	01/10/01	8.5"@gage 30" inv.	6			10	3.94	drizzle - 36" culvert -
					1000+	01/23/01		8"			10	2.79	break in rain
0.11385	0.12215	0.00830	0	485.5	640	01/25/01	11.25@gage 26.5inv.	9.5			10	2.16	sunny
0.11129	0.12507	0.01378	0	925.4	905.1	01/25/01	12"@gage	6"			10	1.78	3' cv 12" on gb gauge light rain
					-	02/19/01						2.01	lo cell vol.
					148	02/21/01	7"@gage	5.5			10	4.06	sunny
												3.95	
												3.29	

Sign in page #	Datasheet #	Sample ID #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Date run	Turbidity Time run	Turbidity By	TUM S/N	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total	Filter ID#
56		01GR0297	ERIC	02/22/01	09:00	G. Blue	86.5	0	Hach Cell	2/27/01	11:58	D. Vdyke						
56		01GR0300	ERIC	02/23/01	13:45	G. Blue	53.8	0	Hach Cell	2/27/01	12:01	D. Vdyke						
76		01GR 0596	FAILED CV ERIC LN	03/05/01	11:00	B. Thompson	53.1	0	Hach Cell	3/19/01	11:55	DVD	9614					
76		01GR 0597	FAILED CV ERIC LN	03/05/01	11:00	B. Thompson	56.5	0	Hach Cell	3/19/01	11:58	DVD	9614					
94		01GR 0579	ERIC	04/06/01	16:58	B. Thompson	427	0	Hach Cell	4/13/01	23:10	C. Fenton	9614					

Initial Filter Weight g	Final Filter Weight g	Sediment Wt. Gr	Lab Code	Fine Sed. Mg/L	FTU Turbidity	Date Sampled	Raw Stage	Stage	Discharge CFS	Vel. Str. hi or lo	Vel. dist. ft.	Vel. sec.	Comments
					86.5	02/22/01	8.5"@gage - 28"inv.	8"			10	5.17	drizzle
												4.68	
												5.40	
					53.8	02/23/01	6"gage - 32.5"inv.	3.5"			10	7.90	
												8.60	
												8.56	
					53.1	3/5/01							Water flows in one end of cv and out along it's side on downstream side
					56.5	3/5/01							upstream sample no water thru 32' culvert
					427	4/6/01	9" on gage				10	1.12	R.L.
												1.08	
												1.32	

Jacoby Creek - Brookwood Bridge (BW)

Brookwood Drive (4K250) PM 0.12 Bridge # 4C-0124

Humboldt County, California

Compiled by Eric Nyman and Clark Fenton

Hydrologic Year 01

Checked by C. Fenton

Grab Sampling: Turbidity / Suspended Sediment Data - provisional

Salmon Forever / Sunny Brae Sediment Lab

Sign-in Page #	Datasheet #	Sample ID #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Date run	Turbidity Time run	Turbidity By	TUM S/N	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total
5		01GR0263	BW	11/24/00	09:10	B. Thompson	15.9	0	Hach Cell	12/17/00	19:45	C. Fenton	22423				
5		01GR0268	BW	11/29/00	17:30	B. Thompson	110	0	Hach Cell	12/17/00	19:48	C. Fenton	22423				
7		01GR0266	BW	12/13/00	21:30	B. Thompson	3.16	0	Hach Cell	12/23/00	15:00	B. Thompson	22423				
7		01GR 0303	BW	12/14/00	09:00	B. Thompson	26.9	0	Hach Cell	12/23/00	15:02	B. Thompson	22423				
7		01GR0287	BW	12/15/00	07:40	B. Thompson	16.2	0	Hach Cell	12/23/00	15:12	B. Thompson	22423				
7		01GR0264	BW	12/11/00	10:00	B. Thompson	2.95	0	Hach Cell	12/23/00	15:15	B. Thompson	22423				
8		01GR0296	BW	12/23/00	15:50	B. Thompson	3.85	0	Hach Cell	12/23/00	16:18	B. Thompson	22423				
12		01GR0395	BW	01/09/01	16:20	B. Thompson	15.4	0	Hach Cell	1/11/01	18:08	J. Noel					
17		01GR0332	BW	01/18/01	10:55	B. Thompson	4.57	0	Hach Cell	1/21/01	17:12	J. Noel					
20	9	01GR0399	BW	01/23/01	15:25	B. Thompson	3.86	0	Hach Cell	1/27/01	17:03	C. Fenton	22441	18.2	34.8	16.6	1 1
20	9	01GR0425	BW	01/23/01	17:15	B. Thompson	15	0	Hach Cell	1/27/01	17:21	C. Fenton	22441	18.1	34.1	16	1 1

Jacoby Creek - Brookwood Bridge (BW)

Brookwood Drive (4K250) PM 0.12 Bridge # 4C-0124

Humboldt County, California

Hydrologic Year 01

Grab Sampling: Turbidity / Suspended Sediment Data - provisional

Floating object vel. is measured at upstream or dn stream of bridge RR

Salmon Forever / Sunny Brae Sediment Lab

Stage is measured as inches on crest stage gage/ metal pipe RR

Stage is measured as ft above sea level fom USGS staff gage RR

Filter ID#	Initial Filter Weight g	Final Filter Weight g	Sediment Wt. Gr	Lab Code	Total Mg/L	FTU Turbidity	Date Sampled	Time Sampled	Raw Stage	Stage	Discharge CFS	Vel. Str. hi or lo	Vel. dist. ft.	Vel. sec.	Comments
					No ssc data available yet	15.9	11/24/00	09:10		52.66			10	5.14	PEAK STAGE 3.5' CORK
						110	11/29/00	17:30		53.02			10	8.00	6.5' cork
						3.16	12/13/00	21:30	6 cork	52.6			10	6.41	Upstream side of bridge
														5.66	
														6.43	
						26.9	12/14/00	09:00	6.5 cork	52.94			10	3.90	cloudy
														3.53	
														3.73	
						16.2	12/15/00	07:40	5.5 cork	52.84			10	3.96	scattered clouds
														3.99	
														4.15	
						2.95	12/11/00	10:00	5.5 cork	52.42			10	11.09	lt. Rain
														11.02	
														10.52	
						3.85	12/23/00	15:50		52.56			10	7.56	
														7.21	
														7.26	
						15.4	1/9/01	16:20		7.5"			10	3.99	off/on rain
														3.96	
														3.58	
						4.57	1/18/01	10:55		5"			10	4.89	intermittent rain
														5.12	
														4.50	
161	0.10844	0.10857	0.00013	0		3.86	1/23/01	15:25		4.5"			10	7.77	36' flo width - raining
														7.29	
														8.00	
167	0.11204	0.11227	0.00023	0		15	1/23/01	17:15		7"			10	6.79	light rain 38' width
														7.15	
														6.56	

Sign-in Page #	Datasheet #	Sample ID #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Date run	Turbidity Time run	Turbidity By	TUM S/N	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total
20	9	01GR0408	BW	01/24/01	10:15	B. Thompson	22.4	0	Hach Cell	1/27/01	17:26	C. Fenton		18.5	33.7	15.2	1 1
21	10	01GR0498	BW	01/25/01	12:55	B. Thompson	363	0	Hach Cell	1/27/01	17:56	C. Fenton	22441	18.2	34.6	16.4	1 1
51		01GR0487	BW	02/19/01	07:40	B. Thompson	12.1	0	Hach Cell	2/22/01	20:29	CF/EN	22423				
52		01GR0576	BW	02/21/01	11:05	B. Thompson	38.3	0	Hach Cell	2/22/01	21:02	CF/EN	22423				
52		01GR0582	BW	02/22/01	09:30	B. Thompson	96.3	0	Hach Cell	2/22/01	21:10	CF/EN	22423				
52		01GR0585	BW	02/22/01	11:00	B. Thompson	69.1	0	Hach Cell	2/22/01	21:17	CF/EN	22423				
94		01GR 0594	BW	04/06/01	16:08	B. Thompson	35.4	0	Hach Cell	4/13/01	23:06	C. Fenton	9614				

Filter ID#	Initial Filter Weight g	Final Filter Weight g	Sediment Wt. Gr	Lab Code	Total Mg/L	FTU Turbidity	Date Sampled	Time Sampled	Raw Stage	Stage	Discharge CFS	Vel. Str. hi or lo	Vel. dist. ft.	Vel. sec.	Comments
169	0.10866	0.10877	0.00011	0		22.4	1/24/01	10:15		8"			10	4.42	light rain
														3.95	
					data available yet									3.81	
183	0.11043	0.11796	0.00753	0		363	1/25/01	12:55		15"			10	2.39	sunny - flo is width of bridge supports
														2.14	
														2.86	
						12.1	2/19/01	07:40		8"			10	4.71	
														5.03	
														4.45	
						38.3	2/21/01	11:05		12"			10	2.91	
														3.01	
														2.93	
						96.3	2/22/01	09:30		16"			10	1.81	overcast
														1.27	
														1.82	
						69.1	2/22/01	11:00		14.5"dl			10	1.85	overcast
														1.85	
														1.63	
						35.4	4/6/01	16:08		9.5			10	3.10	rising limb
														2.75	
														3.05	

<p style="text-align: center;">Jacoby Creek - REBEL 1 and REBEL 2 (RC1 / RC2)</p> <p style="text-align: center;">REBEL1 - Upper Creek Rd. / REBEL 2 - Jacoby Creek Rd. (C4K230)</p> <p>By Eric Nyman and Clark Fenton Humboldt County, California</p> <p>Checked By C. Fenton Hydrologic Year 01</p> <p style="text-align: center;">Grab Sampling: Turbidity / Suspended Sediment Data - provisional</p> <p style="text-align: center;">Salmon Forever / Sunny Brae Sediment Lab</p> <p style="text-align: center;">REBEL 1 is a 4' round metal pipe culvert located on Upper Creek Road 0.1 mi above REBEL 2</p>																	
Sign in page #	Datasheet #	Sample ID #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Date run	Turbidity Time run	Turbidity By	TUM S/N	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total
7		01GR0334	REBEL	12/13/00	21:30	J. Dixon	9.29	0	Hach Cell	12/23/00	15:28	B. Thompson	22423				
7		01GR0329	Rebel	12/13/00	09:00	J. Dixon	6.48	0	Hach Cell	12/23/00	15:35	B. Thompson	22423				
7		01GR0330	Rebel	12/14/00	10:40	J. Dixon	33.10	0	Hach Cell	12/23/00	15:31	B. Thompson	22423				
41		01GR0357	REBEL 1	01/09/01	11:30	J. Dixon	23.30	0	Hach Cell	2/14/01	19:00	CF/DVD					
41		01GR0360	REBEL 1	01/12/01	11:00	J. Dixon	19.60	0	Hach Cell	2/14/01	19:14	CF/DVD					
21		01GR0412	REBEL 1	01/25/01	11:45	B. Thompson	94.90	0	Hach Cell	1/27/01	17:39	C. Fenton	22441				
55	11	01GR0274	REBEL 1	02/17/01	12:15	J. Dixon	12.90	0	Hach Cell	2/27/01	11:37	DVD		18.1	36.2	18.1	1 1
51		01GR0477	REBEL 1	02/21/01	09:15	B. Thompson	39.40	0	Hach Cell	2/22/01	20:40	CF/EN	22423				
55	11	01GR0273	REBEL 1	02/21/01	14:00	J. Dixon	39.10	0	Hach Cell	2/27/01	11:41	DVD		18.2	35.7	17.5	1 1
56	11	01GR0270	REBEL 1	02/21/01	17:00	J. Dixon	34.10	0	Hach Cell	2/27/01	11:46	DVD		18.3	36.6	18.3	1 1
76		01GR 0712	REBEL 1	03/02/01	16:00	J. Dixon	27.30	0	Hach Cell	3/19/01	11:40	DVD	9614			0.0	
76		01GR 0713	REBEL 1	03/03/01	13:00	J. Dixon	43.70	0	Hach Cell	3/19/01	11:45	DVD	9614			0.0	
95		01GR 0688	REBEL 1	04/06/01	17:20	B. Thompson	51.30	0	Hach Cell	4/13/01	23:12	C. Fenton	9614			0.0	
																0.0	
																0.0	
103		01GR 0715	REBEL 1	04/20/01	11:00	J. Dixon	17.20	0	Hach Cell	4/27/01	8:57	C. Fenton	9614			0.0	
																0.0	
																0.0	
																0.0	
																0.0	
																0.0	
																0.0	

Jacoby Creek - REBEL 1 and REBEL 2 (RC1 / RC2)

REBEL1 - Upper Creek Rd. / REBEL 2 - Jacoby Creek Rd. (C4K230)

Humboldt County, California

Hydrologic Year 01

Grab Sampling: Turbidity / Suspended Sediment Data - provisional

Salmon Forever / Sunny Brae Sediment Lab

Velocity is a floating object measured 10" above culvert lip

Stage is measured as inches flo in bottom of 4' RMP culvert-rebel 1

Filter ID#	Initial Filter Weight g	Final Filter Weight g	Sediment Wt. Gr	Lab Code	Total Mg/L	FTU Turbidity	Date Sampled	Time Sampled	Raw Stage	Stage inches	Discharge CFS	Vel. Str. hi or lo	Vel. dist. ft.	Vel. sec.	Comments
						9.29	12/13/00	21:30							culvert drizz - rain start aftrn -peak stage
					No	6.48	12/13/00	09:00							clear no depth marked yet
					SSC	33.1	12/14/00	10:40							7' cv rain start 12-13 no depth marked yet
					Data	23.3	01/09/01	11:30					10	7.50	raining - measure vel. thru congested area?
					available y	19.6	01/12/01	11:00		4"			10	13.33	placed measurement marker in stream today.
						94.9	01/25/01	11:45		6"			10	1.96	4' cv light rain
														1.86	
														1.82	
186	0.11152	0.11160	0.00008	0	4.4	12.9	02/17/01	12:15		2.5"			10	13.00	cv size 3.5'
						39.4	02/21/01	09:15		6"			10	2.42	cv size 4'
														2.77	
														2.55	
187	0.10734	0.10753	0.00019	0	10.9	39.1	02/21/01	14:00		7"			10	4.00	cv size 3.5' hi vel width 30"
188	0.10857	0.10885	0.00028	0	15.3	34.1	02/21/01	17:00		7"			10	3.00	cv size 3.5' rain just starting
						27.3	03/02/01	16:00		5			10	6.50	hi vel width 22"
						43.7	03/03/01	13:00		8.5			10	3.50	hi vel width 33" - sprinkle
						51.3	04/06/01	17:20		4			10	1.20	4' cv
														1.34	
														1.29	
						17.2	04/20/01	11:00		3			10	10.00	width 19" - 3' cv

By Eric Nyman and Clark Fenton		Jacoboy Creek - Rebel Creek (Rebel 2)															
Checked By C. Fenton		REBEL 2 ia a round corrugated metal culvert under Jacoboy Road south of Upper Creek Road															
Sign in page #	Datasheet #	Sample ID #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Date run	Turbidity Time run	Turbidity By	TUM S/N	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total
41		01GR0356	Rebel 2	01/08/01	16:40	J. Dixon	34.20	0	Hach Cell	2/14/01	18:52	CF/DVD					
41		01GR0361	Rebel 2	01/09/01	11:12	J. Dixon	20.10	0	Hach Cell	2/14/01	19:17	CF/DVD					
41		01GR0358	Rebel 2	01/10/01	21:16	J. Dixon	38.20	0	Hach Cell	2/14/01	19:06	CF/DVD					
20	9	01GR0424	REBEL2	01/22/01	17:00	B. Thompson	58.30	0	Hach Cell	1/27/01	17:00	C. Fenton		18.3	34	15.7	1 1
21		01GR0413	Rebel 2	01/25/01	11:55	B. Thompson	256.00	0	Hach Cell	1/27/01	17:41	C. Fenton	22441				
56	11	01GR0271	Rebel 2	02/07/01	12:18	J. Dixon	10.90	0	Hach Cell	2/27/01	11:49	DVD		18.2	35.7	17.5	1 1
41		01GR0359	Rebel 2	02/11/01	12:00	J. Dixon	38.50	0	Hach Cell	14-Feb	19:11	CF/DVD					
56	11	01GR0269	Rebel 2	02/18/01	01:30	J. Dixon	28.00	0	Hach Cell	2/27/01	11:51	DVD		18.4	28	9.6	1 1
52		01GR 0478	Rebel 2	02/21/01	09:30	B. Thompson	59.10	0	Hach Cell	2/22/01	20:43	CF/EN	22423				
56	11	01GR0272	Rebel 2	02/21/01	17:00	J. Dixon	36.50	0	Hach Cell	2/27/01	11:54	DVD		18.3	37.2	18.9	1 1
76		01GR 0714	Rebel 2	03/03/01	13:30	J. Dixon	95.50	0	Hach Cell	3/19/01	11:50	DVD	9614				
102		01GR 0716	REBEL 2	03/28/01	12:00	J. Dixon	5.27	0	Hach Cell	4/27/01	8:51	C. Fenton	9614				
102		01GR 0717	REBEL 2	3/28 TO 4/2		J. Dixon	33.70	0	Hach Cell	4/27/01	8:53	C. Fenton	9614				
102		01GR 0728	REBEL 2	04/02/01	21:00	J. Dixon	18.30	0	Hach Cell	4/27/01	8:54	C. Fenton	9614				
103		01GR 0731	REBEL 2	04/04/01	12:45	J. Dixon	42.00	0	Hach Cell	4/27/01	8:55	C. Fenton	9614				
95		01GR 0689	REBEL 2	04/06/01	17:35	B. Thompson	162.00	0	Hach Cell	4/13/01	23:13	C. Fenton	9614				
103		01GR 0729	REBEL 2	04/20/01	11:00	J. Dixon	15.80	0	Hach Cell	4/27/01	8:56	C. Fenton	9614				

Jacoby Creek - Rebel Creek (Rebel 2)

Velocity is a floating object measured 10" above culvert lip

Stage is measured as inches flo in bottom of 6' culvert-rebel 2

Filter ID#	Initial Filter Weight g	Final Filter Weight g	Sediment Wt. Gr	Lab Code	Total Mg/L	FTU Turbidity	Date Sampled	Time Sampled	Raw Stage	Stage inches	Discharge CFS	Vel. Str. hi or lo	Vel. dist. ft.	Vel. sec.	Comments
						34.2	01/08/01	16:40					10	3.50	at cv - moved measurement of vel. to cv from rocks
					No	20.1	01/09/01	11:12		3.5			10	2.00	raining - started 11 am
						38.2	01/10/01	21:16		7.5			10	2.00	
160	0.11063	0.11205	0.00142	0	90.5	58.3	01/22/01	17:00		2"			10	1.76	vel. Taken 10' inside cv
														1.94	
														1.54	
						256	01/25/01	11:55		10"			10	1.11	light rain
														1.15	
														1.03	
189	0.11099	0.11113	0.00014	0	8.0	10.9	02/07/01	12:18		2"			10	7.00	cv size 6'
						38.5	02/11/01	12:00		5.5			10	3.00	64.5" from culvert top - 2 " of concrete?
190	0.11119	0.11128	0.00009	0	9.4	28	02/18/01	01:30		5"			10	5.00	cv size 6'
						59.1	02/21/01	09:30		3.5			10	1.31	
														1.29	
														1.13	
191	0.10894	0.10921	0.00027	0	14.3	36.5	02/21/01	17:00		6.5"			10	2.75	cv size 6'
						95.5	03/03/01	13:30		9			10	3.00	hi vel. Width 48" at cv
														2.00	
						5.27	03/28/01	12:00		6				4.00	rain last night - currentl dry
						33.7									
						18.3	04/02/01	21:00		5			10	4.50	6' cv
														5.00	
						42	04/04/01	12:45		6			10	2.50	STRAND WIDTH 46"
														3.00	
						162	04/06/01	17:35		8			10	1.11	light rain
														1.09	
														1.02	
						15.8	04/20/01	11:00		4			10	6.00	strand width 37" rain just started overcast

Jacoby Creek - Snag Creek (SNAG)

Jacoby Creek Road (C4K230) 3.3 miles east of Old Arcata Road

Compiled by Eric Nyman and Clark Fenton

Humboldt County, California

Checked By C. Fenton

Hydrologic Year 01

Grab Sampling: Turbidity / Suspended Sediment Data - provisional

Salmon Forever / Sunny Brae Sediment Lab

Sample is taken at upstream end of 84" round metal pipe culvert under Jacoby Creek Road

Sign in page #	Datasheet #	Sample ID #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Date run	Turbidity Time run	Turbidity By	TUM S/N	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total	Filter ID#
8		01GR0258	SNAG	12/23/00	14:35	G. Blue	6.92	0	Hach Cell	12/23/00	16:12	B. Thompson						
17		01GR0394	SNAG	01/08/01	10:40	G. Blue	13.8	0	Hach Cell	01/21/01	17:11	J. Noel						
20	9	01GR0422	SNAG	01/23/01	16:35	B. Thompson	13.5	0	Hach Cell	01/01/01	17:15	C. Fenton	22441	18.2	33.7	15.5	1 1	165
21	10	01GR0494	SNAG	01/25/01	12:15	B. Thompson	206	0	Hach Cell	01/27/01	17:47	C. Fenton	22441	18.3	33.1	14.8	1 1	181
19	9	01GR0259	SNAG	01/25/01	12:55	G. Blue	246	0	Hach Cell	01/27/01	16:26	C. Fenton		18.0	36.0	18.0	1 1	157
52		01GR0480	SNAG	02/21/01	10:00	B. Thompson	58.3	0	Hach Cell	02/22/01	20:49	CF/EN	22423					
95		01GR 0687	SNAG	04/06/01	17:05	B. Thompson	202	0	Hach Cell	04/13/01	23:11	C. Fenton	9614					

Jacoby Creek - Snag Creek (SNAG)

Jacoby Creek Road (C4K230) 3.3 miles east of Old Arcata Road

Humboldt County, California

Hydrologic Year 01

Grab Sampling: Turbidity / Suspended Sediment Data - ACV is a metal pipe in streambed in Debbie Hartman's back yard

Salmon Forever / Sunny Brae Sediment Lab Velocity is floating object measured 10' above culvert

Stage is depth of flo in bottom of 84" culvert at upstream edge of culvert

Initial Filter Weight g	Final Filter Weight g	Sediment Wt. Gr	Lab Code	Fine Sed. Mg/L	Total Mg/L	FTU Turbidity	Date Sampled	Time Sampled	Raw Stage	Stage inches	Discharge CFS	Vel. Str. hi or lo	Vel. dist. Ft.	Vel. sec.	Comments
					No	6.92	12/23/00	14:30	9.5" gage				10	18.10	width at waterline 47" - need to relocate gage-used tape measure
					SSC data available yet	13.8	01/08/01	10:40		2.5"					7' cv no new dings
0.10931	0.10954	0.00023	0	14.8		13.5	01/23/01	16:35		2.5			10	2.03	7"cv vel. From interior of cv
														1.16	2" of concrete bottom of cv
														1.34	
0.10796	0.11129	0.00333	0	225.0		206	01/25/01	12:15		9.5			10	1.21	7' cv sunny
														1.01	
														1.16	
0.11470	0.12020	0.00550	0	305.6		246	01/25/01	12:55	74"cvinv	10			10	2.59	84"cv? 3" gage?
														2.51	
														2.63	
						58.3	02/21/01	10:00		7			10	1.34	cv size 7'
														1.59	
														1.33	
						202	04/06/01	17:05		6.5			10	1.27	7' cv
														1.29	
														1.41	

Graham Gulch (GG)

Compiled by L. Gagnon and C. Fenton

Freshwater Creek / Humboldt County, California

Checked By C. Fenton

Hydrologic Year 01

Culvert at Pacific Lumber Camp Road (4J070)

Grab Sampling: Turbidity / Suspended Sediment Data -provisional

Salmon Forever / Sunny Brae Sediment Lab

Sign in page #	Datasheet #	Sample ID #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Date run	Turbidity Time run	Turbidity By	TUM S/N	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total	Filter ID#
2		01GR0004	GG	10/19/00	20:24	C. Fenton	1.15	0	Hach Cell	10/19/00	20:27	C. Fenton						
2		01GR0006	GG	10/21/00	12:55	C. Fenton	0.78	0	Hach Cell	10/21/00	12:56	C. Fenton						
3		01GR0117	GG	11/14/00	16:11	C. Fenton	5.55	0	Hach Cell	11/14/00	16:15	C. Fenton	22423					
5		01GR0345	GG	11/29/00	16:46	C. Fenton	45.2	0	Hach Cell	11/29/00	16:48	C. Fenton	22423					
12		01GR0131	GG	01/11/01	12:59	J. Noel	39.9	0	Hach Cell	01/11/01	17:32	J. Noel	22423					
12		01GR0132	GG	01/11/01	12:59	J. Noel	40	0	Hach Cell	01/11/01	17:32	J. Noel	22423					
59		01GR0722	GG	03/03/01	12:55	C. Fenton	17.7	0	Hach Cell	03/04/01	08:37	C. Fenton	22423					

Graham Gulch (GG)														
Freshwater Creek / Humboldt County, California														
Hydrologic Year 01														
Culvert at Pacific Lumber Camp Road (4J070)														
Grab Sampling: Turbidity / Suspended Sediment Data -provisional								Raw stage is measured as inches down from top of culvert or staff plate						
Salmon Forever / Sunny Brae Sediment Lab								Stage is measured as inches down fom edge of culvert						
Initial Filter	Final Filter	Sediment	Lab	Total	Turbidity	Date	Time	Raw	Stage	Discharge	Vel. Str.	Vel.	Vel.	Comments
Weight g	Weight g	Wt. Gr	Code	Mg/L	FTU	Sampled	Sampled	Stage		CFS	hi or lo	dist.	sec.	
					1.15	10/19/00	20:24		0.25					no ssc - baseline - discharge bucket
					0.78	10/21/00	12:55		0.28	0.15				no ssc
					5.55	11/14/00	10:11		0.39					no ssc
					45.2	11/29/00	16:46		0.61					
					39.9	01/11/01	12:59	61"		10				61" down from edge of culvert
					40	01/11/01	12:59	61" down		10				
					17.7	03/03/01	12:55	68						no ssc - 149" cv invert

McCready Gulch(MC)

Hydrologic Year 2000

By Liza Gagnon / C. Fenton

Box culvert at Freshwater Road(F6F060) PM 38.60

Checked By C. Fenton

Humboldt County, California

Turbidity / Suspended Sediment Data - Grab Sampling - provisional

Salmon Forever / Sunny Brae Sediment Lab

Sign in page #	Datasheet #	Sample ID #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Date run	Turbidity Time run	Turbidity By	TUM S/N	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total	Filter ID#
21		01GR432	MC	01/08/01	16:30	C. Fenton	52.20	0	Hach Cell	01/08/01	16:35	C. Fenton						
		01GR 0432	MC	01/08/01	16:30	T. Crowley	55.30	0	Hach Cell	01/08/01	16:40	C. Fenton						
42		01GR0433	MC	01/09/01	15:10	T. Crowley	24.20	0	Hach Cell	02/14/01	19:29	C. Fenton						
12		01GR 0243	MC	01/11/01	13:08	J. Noel	41.70	0	Hach Cell	01/11/01	17:40	J. Noel	22423					
42		01GR0434	MC	01/11/01	16:00	T. Crowley	36.60	0	Hach Cell	02/14/01	19:33	C. Fenton	22441					
42		01GR0435	MC	01/12/01	15:30	T. Crowley	24.20	0	Hach Cell	02/14/01	19:47	C. Fenton	22441					
42		01GR0436	MC	01/18/01	15:30	T. Crowley	5.66	0	Hach Cell	02/14/01	19:36	C. Fenton	22441					
42		01GR0437	MC	01/19/01	15:30	T. Crowley	3.92	0	Hach Cell	02/14/01	19:43	C. Fenton	22441					
42		01GR0438	MC	01/23/01	16:00	T. Crowley	42.90	0	Hach Cell	02/14/01	19:52	C. Fenton	22441					
42		01GR0442	MC	01/25/01	14:00	T. Crowley	431.00	0	Hach Cell	02/14/01	19:56	C. Fenton	22441					
23		01GR03B1	MC	01/25/01	15:39	J. Noel	314.00	0	Hach Cell			J. Noel						

Discharge from M. Lng Rating Curve														
Stage is measured at inches down from ceiling of culvrt														
Initial Filter	Final Filter	Sediment	Lab	Total	Turbidity	Date	Time	Raw	Stage	Discharge	Vel. Str.	Vel.	Vel.	Comments
Weight g	Weight g	Wt. Gr	Code	Mg/L	FTU	Sampled	Sampled	Stage		CFS	hi or lo	dist.	sec.	
					52.2	01/08/01	16:30			4.0				
					55.3	01/08/01	16:30		69.5	4.0	hi	10'	5.37	44" across 8" deep ptly cloudy
													5.15	
													5.07	
					24.2	01/09/01	15:10		71"	0.9		10'	5.13	44" across X 7.5" deep at corner
												10'	5.95	
												10'	5.00	
					41.7	01/11/01	13:08		69	3.4	hi or lo	5'	2.20	36" wide 10" deep
													2.55	
					36.6	01/11/01	16:00		70"	3.1		10'	4.84	61" across X 8" deep sunny
												10'	4.40	
												10'	4.50	
					24.2	01/12/01	15:30		73"	1.1		10'	5.70	46" across X 5" deep - overcast
												10'	5.09	
					5.66	01/18/01	15:30		75"	0.1		10'	10.50	34" across X 4" deep - overcast
												10'	9.07	
												10'	11.00	
					3.92	01/19/01	15:30		75"	0.2		10'	9.50	from top of culvert; 34" across X 4" deep
												10'	9.28	
												10'	8.60	
					42.9	01/23/01	16:00		73"	0.9		10'	5.25	86" across X 6" deep - 2 streams
												10'	5.00	
												10'	5.70	
					431	01/25/01	14:00		58"	31.0		10'	5.03	wall to wall 13"7' across X 14" deep rain
												10'	5.51	started early am - just stopped
												10'	5.62	
					314	01/25/01	15:39			26.0				see HSU discharge - installed isco pump
														1/2 @ 15:40; start #3 in 120M at 17:40

Sign in page #	Datasheet #	Sample ID #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Date run	Turbidity Time run	Turbidity By	TUM S/N	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total	Filter ID#
34		01IS0188	MC	01/25/01	15:40	Time isco	298.00	0	ISCO	02/11/01	13:14	C. Fenton						
34		01IS0187	MC	01/25/01	15:41	Time isco	310.00	0	ISCO	02/11/01	13:16	C. Fenton						
34		01IS0189	MC	01/25/01	17:40	Time isco	166.00	0	ISCO	02/11/01	13:18	C. Fenton						
34		01IS0190	MC	01/25/01	19:40	Time isco	106.00	0	ISCO	02/11/01	13:20	C. Fenton						
34		01IS0191	MC	01/25/01	21:40	Time isco	87.00	0	ISCO	02/11/01	13:22	C. Fenton						
34		01IS0192	MC	01/25/01	23:40	Time isco	86.20	0	ISCO	02/11/01	13:24	C. Fenton						
34		01IS0193	MC	01/26/01	01:40	Time isco	77.50	0	ISCO	02/11/01	13:25	C. Fenton						
34		01IS0194	MC	01/26/01	03:40	Time isco	117.00	0	ISCO	02/11/01	13:28	C. Fenton						
34		01IS0195	MC	01/26/01	05:40	Time isco	132.00	0	ISCO	02/11/01	13:29	C. Fenton						
34		01IS0196	MC	01/26/01	07:40	Time isco	91.70	0	ISCO	02/11/01	13:30	C. Fenton						
34		01IS0197	MC	01/26/01	09:40	Time isco	71.10	0	ISCO	02/11/01	13:31	C. Fenton						
34		01IS0198	MC	01/26/01	11:40	Time isco	58.30	0	ISCO	02/11/01	13:32	C. Fenton						
32		01IS0199	MC	01/26/01	13:40	Time isco	53.80	0	ISCO	02/11/01	13:35	C. Fenton						
32		01IS0200	MC	01/26/01	15:40	Time isco	47.90	0	ISCO	02/11/01	13:36	C. Fenton						
32		01IS0201	MC	01/26/01	17:40	Time isco	46.60	0	ISCO	02/11/01	13:37	C. Fenton						
32		01IS0202	MC	01/26/01	19:40	Time isco	43.00	0	ISCO	02/11/01	13:39	C. Fenton						
32		01IS0203	MC	01/26/01	21:40	Time isco	42.10	0	ISCO	02/11/01	13:40	C. Fenton						
32		01IS0204	MC	01/26/01	23:40	Time isco	37.80	0	ISCO	02/11/01	13:41	C. Fenton						
33		01IS0205	MC	01/27/01	01:40	Time isco	38.10	0	ISCO	02/11/01	13:43	C. Fenton						
33		01IS0206	MC	01/27/01	03:40	Time isco	33.90	0	ISCO	02/11/01	13:44	C. Fenton						
33		01IS0207	MC	01/27/01	05:40	Time isco	33.10	0	ISCO	02/11/01	13:45	C. Fenton						
33		01IS0208	MC	01/27/01	07:40	Time isco	31.10	0	ISCO	02/11/01	13:47	C. Fenton						
33		01IS0209	MC	01/27/01	09:40	Time isco	32.30	0	ISCO	02/11/01	13:49	C. Fenton						
33		01IS0210	MC	01/27/01	11:40	Time isco	27.90	0	ISCO	02/11/01	13:51	C. Fenton						
42		01GR0443	MC	01/26/01	12:35	T. Crowley	47.40	0	Hach Cell	02/14/01	20:05	C. Fenton	22441					
105		01IS 0254	MC	02/08/01	00:00	Time ISCO	7.77	0	ISCO	02/16/01	10:30	C. Fenton	22423					
105		01is 0274	MC	02/09/01	06:00	Time ISCO	7.57	0	ISCO	02/16/01	10:30	C. Fenton	22423					
105		01is 0275	MC	02/09/01	12:00	Time ISCO	11.60	0	ISCO	02/16/01	10:30	C. Fenton	22423					
105		01is 0273	MC	02/09/01	18:00	Time ISCO	375.00	0	ISCO	02/16/01	10:30	C. Fenton	22423					
105		01IS 272	MC	02/09/01	00:00	Time ISCO	38.40	0	ISCO	02/16/01	10:30	C. Fenton	22423					
105		01IS 0271	MC	02/10/01	12:00	Time ISCO	23.90	0	ISCO	02/16/01	10:30	C. Fenton	22423					
105		01IS 0270	MC	02/10/01	18:00	Time ISCO	15.70	0	ISCO	02/16/01	10:30	C. Fenton	22423					

Initial Filter Weight g	Final Filter Weight g	Sediment Wt. Gr	Lab Code	Total Mg/L	Turbidity FTU	Date Sampled	Time Sampled	Raw Stage	Stage	Discharge CFS	Vel. Str. hi or lo	Vel. dist.	Vel. sec.	Comments
					298	01/25/01	15:40			25.0				D01 B01 (24 bott) 120 min int. isco check no ssc
					310	01/25/01	15:41			25.0				D01 B02; no ssc; ISCO check
					166	01/25/01	17:40			19.0				D01 B03
					106	01/25/01	19:40			13.0				D01 B04
					87	01/25/01	21:40			10.0				D01 B05
					86.2	01/25/01	23:40			8.2				D01 B06
					77.5	01/26/01	01:40			7.2				D01 B07
					117	01/26/01	03:40			7.6				D01 B08
					132	01/26/01	05:40			7.6				D01 B09
					91.7	01/26/01	07:40			7.2				D01 B10
					71.1	01/26/01	09:40			7.0				D01 B11
					58.3	01/26/01	11:40			6.1				D01 B12
					53.8	01/26/01	13:40			6.0				D01 B13
					47.9	01/26/01	15:40			5.6				D01 B14 no ssc
					46.6	01/26/01	17:40			4.8				D01 B15 no ssc
					43	01/26/01	19:40			4.2				D01 B16
					42.1	01/26/01	21:40			3.7				D01 B17 no ssc
					37.8	01/26/01	23:40			3.1				D01 B18 no ssc
					38.1	01/27/01	01:40			2.8				D01 B19
					33.9	01/27/01	03:40			2.4				D01 B20 no ssc
					33.1	01/27/01	05:40			2.0				D01 B21 no ssc
					31.1	01/27/01	07:40			1.9				D01 B22
					32.3	01/27/01	09:40			1.6				D01 B23
					27.9	01/27/01	11:40			1.6				D01 B24
					47.4	01/26/01	12:35		70"	5.9		10'	5.61	11' wide X 7" deep
												10'	4.98	
												10'	5.06	
					7.77	02/08/01	00:00			0.1				Bottle 1 of 24 by C.F. 6 hour int.
					7.57	02/09/01	06:00			0.1				B02 no ssc
					11.60	02/09/01	12:00			0.1				B03 no ssc
					375.00	02/09/01	18:00			0.2				B04 no ssc
					38.40	02/09/01	00:00			0.1				B05 no ssc
					23.90	02/10/01	12:00			0.3				B06 no ssc
					15.70	02/10/01	18:00			0.6				B07 no ssc

Sign in page #	Datasheet #	Sample ID #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Date run	Turbidity Time run	Turbidity By	TUM S/N	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total	Filter ID#
105		01IS 0269	MC	02/10/01	00:00	Time ISCO	15.60	0	ISCO	02/16/01	10:30	C. Fenton	22423					
105		01IS 0268	MC	02/11/01	06:00	Time ISCO	58.20	0	ISCO	02/16/01	10:30	C. Fenton	22423					
105		01IS 0265	MC	02/11/01	12:00	Time ISCO	99.80	0	ISCO	02/16/01	10:30	C. Fenton	22423					
105		01IS 0266	MC	02/11/01	18:00	Time ISCO	63.60	0	ISCO	02/16/01	10:30	C. Fenton	22423					
105		01IS 0263	MC	02/11/01	00:00	Time ISCO	46.40	0	ISCO	02/16/01	10:30	C. Fenton	22423					
106		01IS 0264	MC	02/12/01	06:00	Time ISCO	37.90	0	ISCO	02/16/01	10:30	C. Fenton	22423					
106		01IS 0256	MC	02/12/01	12:00	Time ISCO	31.10	0	ISCO	02/16/01	10:30	C. Fenton	22423					
106		01IS 0267	MC	02/12/01	18:00	Time ISCO	27.40	0	ISCO	02/16/01	10:30	C. Fenton	22423					
106		01IS 0247	MC	02/12/01	00:00	Time ISCO	24.20	0	ISCO	02/16/01	10:30	C. Fenton	22423					
106		01IS 0278	MC	02/13/01	06:00	Time ISCO	22.10	0	ISCO	02/16/01	10:30	C. Fenton	22423					
106		01IS 0279	MC	02/13/01	12:00	Time ISCO	21.70	0	ISCO	02/16/01	10:30	C. Fenton	22423					
106		01IS 0276	MC	02/13/01	18:00	Time ISCO	17.70	0	ISCO	02/16/01	10:30	C. Fenton	22423					
106		01IS 0277	MC	02/13/01	00:00	Time ISCO	21.20	0	ISCO	02/16/01	10:30	C. Fenton	22423					
106		01IS 0249	MC	02/14/01	06:00	Time ISCO	16.60	0	ISCO	02/16/01	10:30	C. Fenton	22423					
106		01IS 0245	MC	02/14/01	12:00	Time ISCO	16.80	0	ISCO	02/16/01	10:30	C. Fenton	22423					
106		01IS 0248	MC	02/14/01	18:00	Time ISCO	14.70	0	ISCO	02/16/01	10:30	C. Fenton	22423					
106		01IS 0246	MC	02/14/01	00:00	Time ISCO	13.00	0	ISCO	02/16/01	10:30	C. Fenton	22423					
61		01IS 0322	MC	02/16/01	16:00	Time isco	9.09	0	ISCO	03/01/01	pm	C. Fenton	22423					
61		01IS 0324	MC	02/16/01	22:00	Time isco	8.55	0	ISCO	03/01/01	pm	C. Fenton	22423					
61		01IS 0325	MC	02/17/01	04:00	Time isco	7.61	0	ISCO	03/01/01	pm	C. Fenton	22423					
61		01IS 326	MC	02/17/01	10:00	Time isco	11.90	0	ISCO	03/01/01	pm	C. Fenton	22423					
61		01IS 0327	MC	02/17/01	16:00	Time isco	82.30	0	ISCO	03/01/01	pm	C. Fenton	22423					
62		01IS 0328	MC	02/17/01	22:00	Time isco	51.80	0	ISCO	03/01/01	pm	C. Fenton	22423					
62		01IS 0329	MC	02/18/01	04:00	Time isco	57.50	0	ISCO	03/01/01	pm	C. Fenton	22423					
62		01IS 0330	MC	02/18/01	10:00	Time isco	34.90	0	ISCO	03/01/01	pm	C. Fenton	22423					
62		01IS 0331	MC	02/18/01	16:00	Time isco	28.60	0	ISCO	03/01/01	pm	C. Fenton	22423					
62		01IS 0332	MC	02/18/01	22:00	Time isco	26.00	0	ISCO	03/01/01	pm	C. Fenton	22423					
62		01IS 0333	MC	02/19/01	04:00	Time isco	21.90	0	ISCO	03/01/01	pm	C. Fenton	22423					
62		01IS 0334	MC	02/19/01	10:00	Time isco	23.50	0	ISCO	03/01/01	pm	C. Fenton	22423					
62		01IS 0335	MC	02/19/01	16:00	Time isco	24.50	0	ISCO	03/01/01	pm	C. Fenton	22423					
62		01IS 0336	MC	02/19/01	22:00	Time isco	21.40	0	ISCO	03/01/01	pm	C. Fenton	22423					
62		01IS 0337	MC	02/20/01	04:00	Time isco	20.00	0	ISCO	03/01/01	pm	C. Fenton	22423					
62		01IS 0338	MC	02/20/01	10:00	Time isco	57.60	0	ISCO	03/01/01	pm	C. Fenton	22423					
62		01IS 0339	MC	02/20/01	16:00	Time isco	105.00	0	ISCO	03/01/01	pm	C. Fenton	22423					
63		01IS 0340	MC	02/20/01	22:00	Time isco	62.10	0	ISCO	03/01/01	pm	C. Fenton	22423					
63		01IS 0341	MC	02/21/01	04:00	Time isco	40.40	0	ISCO	03/01/01	pm	C. Fenton	22423					

Initial Filter Weight g	Final Filter Weight g	Sediment Wt. Gr	Lab Code	Total Mg/L	Turbidity FTU	Date Sampled	Time Sampled	Raw Stage	Stage	Discharge CFS	Vel. Str. hi or lo	Vel. dist.	Vel. sec.	Comments
					15.60	02/10/01	00:00			1.3				B08 no ssc
					58.20	02/11/01	06:00			6.5				B09 no ssc
					99.80	02/11/01	12:00			4.7				B10 no ssc
					63.60	02/11/01	18:00			3.5				B11 no ssc
					46.40	02/11/01	00:00			2.0				B12 no ssc
					37.90	02/12/01	06:00			1.3				B13 no ssc
					31.10	02/12/01	12:00			1.0				B14 no ssc
					27.40	02/12/01	18:00			1.4				B15 no ssc
					24.20	02/12/01	00:00			0.7				B16 no ssc
					22.10	02/13/01	06:00			0.3				B17 no ssc
					21.70	02/13/01	12:00			0.4				B18 no ssc
					17.70	02/13/01	18:00			1.0				B19 no ssc
					21.20	02/13/01	00:00			0.4				B20 no ssc
					16.60	02/14/01	06:00			0.2				B21 no ssc
					16.80	02/14/01	12:00			0.2				B22 no ssc
					14.70	02/14/01	18:00			0.7				B23 no ssc
					13.00	02/14/01	00:00			0.2				Bottle 24 of 24 no ssc
					9.09	02/16/01	16:00			0.7				Bottle 1/24 360 min. int. by C.F. no ssc
					8.55	02/16/01	22:00			0.5				B02 no ssc
					7.61	02/17/01	04:00			0.5				B03 no ssc
					11.9	02/17/01	10:00			0.5				B04 no ssc
					82.3	02/17/01	16:00			1.3				B05
					51.8	02/17/01	22:00			1.4				B06 no ssc
					57.5	02/18/01	04:00			2.1				B07 no ssc
					34.9	02/18/01	10:00			1.9				B08 no ssc
					28.6	02/18/01	16:00			2.4				B09 no ssc
					26	02/18/01	22:00			1.5				B10 no ssc
					21.9	02/19/01	04:00			1.2				B11 no ssc
					23.5	02/19/01	10:00			1.4				B12 no ssc
					24.5	02/19/01	16:00			1.9				B13 no ssc
					21.4	02/19/01	22:00			1.3				B14 no ssc
					20	02/20/01	04:00			1.2				B15 no ssc
					57.6	02/20/01	10:00			2.2				B16 no ssc
					105	02/20/01	16:00			4.5				B17
					62.1	02/20/01	22:00			4.0				B18
					40.4	02/21/01	04:00			3.4				B19 no ssc

Sign in page #	Datasheet #	Sample ID #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Date run	Turbidity Time run	Turbidity By	TUM S/N	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total	Filter ID#
63		01IS 0342	MC	02/21/01	10:00	Time isco	88.00	0	ISCO	03/01/01	pm	C. Fenton	22423					
63		01IS 0343	MC	02/21/01	16:00	Time isco	60.00	0	ISCO	03/01/01	pm	C. Fenton	22423					
63		01IS 0344	MC	02/21/01	22:00	Time isco	172.00	0	ISCO	03/01/01	pm	C. Fenton	22423					
63		01IS 0345	MC	02/22/01	04:00	Time isco	467.00	0	ISCO	03/01/01	pm	C. Fenton	22423					
		01GR 0626	MC	03/01/01	16:31	C. Fenton	11.40	0	Hach Cell	03/04/01	08:30	C. Fenton	22423					
60		01GR 0719	MC	03/03/01	13:17	C. Fenton	21.70	0	Hach Cell	03/04/01	08:41	C. Fenton	22423					
73		01IS 0468	MC	03/01/01	16:30	Time ISCO	14.90	0	ISCO	03/11/01	14:01	J. Noel						
73		01IS 0455	MC	03/01/01	19:30	Time ISCO	9.12	0	ISCO	03/11/01	14:04	J. Noel						
73		01IS 0477	MC	03/01/01	22:30	Time ISCO	9.63	0	ISCO	03/11/01	14:07	J. Noel						
73		01IS 0452	MC	03/02/01	01:30	Time ISCO	9.39	0	ISCO	03/11/01	14:09	J. Noel						
74		01IS 0457	MC	03/02/01	04:30	Time ISCO	19.10	0	ISCO	03/11/01	14:11	J. Noel						
74		01IS 0454	MC	03/02/01	07:30	Time ISCO	42.90	0	ISCO	03/11/01	14:13	J. Noel						
74		01IS 0453	MC	03/02/01	10:30	Time ISCO	69.20	0	ISCO	03/11/01	14:15	J. Noel						
74		01IS 0459	MC	03/02/01	13:30	Time ISCO	76.30	0	ISCO	03/11/01	14:18	J. Noel						
74		01IS 0456	MC	03/02/01	16:30	Time ISCO	47.30	0	ISCO	03/11/01	14:21	J. Noel						
74		01IS 0460	MC	03/02/01	19:30	Time ISCO	37.80	0	ISCO	03/11/01	14:25	J. Noel						
74		01IS 0465	MC	03/03/01	22:30	Time ISCO	66.20	0	ISCO	03/11/01	14:27	J. Noel						
74		01IS 0458	MC	03/03/01	01:30	Time ISCO	-											
87		01IS 0514	MC	03/24/01	17:30	Time ISCO	28.80	0	ISCO	04/11/01	20:13	C. Fenton	9614					
87		01IS 0513	MC	03/24/01	20:30	Time ISCO	31.20	0	ISCO	04/11/01	20:15	C. Fenton	9614					
87		01IS 0515	MC	03/24/01	23:30	Time ISCO	93.80	0	ISCO	04/11/01	20:17	C. Fenton	9614					
87		01IS 0512	MC	03/25/01	02:30	Time ISCO	164.00	0	ISCO	04/11/01	20:19	C. Fenton	9614					
87		01IS 0526	MC	03/25/01	05:30	Time ISCO	74.50	0	ISCO	04/11/01	20:21	C. Fenton	9614					
87		01IS 0516	MC	03/25/01	08:30	Time ISCO	74.90	0	ISCO	04/11/01	20:23	C. Fenton	9614					
87		01IS 0517	MC	03/25/01	11:30	Time ISCO	61.50	0	ISCO	04/11/01	20:25	C. Fenton	9614					
87		01IS 0525	MC	03/25/01	14:30	Time ISCO	49.20	0	ISCO	04/11/01	20:27	C. Fenton	9614					
87		01IS 0527	MC	03/25/01	17:30	Time ISCO	40.00	0	ISCO	04/11/01	20:29	C. Fenton	9614					
88		01IS 0528	MC	03/25/01	20:30	Time ISCO	34.10	0	ISCO	04/11/01	20:34	C. Fenton	9614					
88		01IS 0529	MC	03/25/01	23:30	Time ISCO	29.70	0	ISCO	04/11/01	20:36	C. Fenton	9614					

Initial Filter Weight g	Final Filter Weight g	Sediment Wt. Gr	Lab Code	Total Mg/L	Turbidity FTU	Date Sampled	Time Sampled	Raw Stage	Stage	Discharge CFS	Vel. Str. hi or lo	Vel. dist.	Vel. sec.	Comments
					88	02/21/01	10:00			5.8				B20
					60	02/21/01	16:00			6.1				B21 no ssc
					172	02/21/01	22:00			12.0				B22
					467	02/22/01	04:00			24.0				B23 - no B24 overflowed
					11.4	03/01/01	16:31							isco check no ssc
					21.7	03/03/01	13:17		72					upstrm staff plate 0.71 isco prob. overflow display says 62 min till next sample
					14.9	03/01/01	16:30							Bottle 1 of 11 180 min. interval no ssc ISCO #2
					9.12	03/01/01	19:30							B02 no ssc
					9.63	03/01/01	22:30							B03 no ssc
					9.39	03/02/01	01:30							B04 no ssc
					19.1	03/02/01	04:30							B05 no ssc
					42.9	03/02/01	07:30							B06
					69.2	03/02/01	10:30							B07
					76.3	03/02/01	13:30							B08
					47.3	03/02/01	16:30							B09
					37.8	03/02/01	19:30							B10 no ssc
					66.2	03/03/01	01:30							B11
						03/03/01	04:30							Bottle 12 overflowed
					28.8	03/24/01	17:30	upstrm 1.23'	74					Bottle 1 of 24 - 180 min. interval - no ssc
					31.2	03/24/01	20:30							B02 - no ssc
					93.8	03/24/01	23:30							B03
					164	03/25/01	02:30							B04
					74.5	03/25/01	05:30							B05
					74.9	03/25/01	08:30							B06
					61.5	03/25/01	11:30							B07
					49.2	03/25/01	14:30							B08
					40	03/25/01	17:30							B09
					34.1	03/25/01	20:30							B10 no ssc
					29.7	03/25/01	23:30							B11 no ssc

Sign in page #	Datasheet #	Sample ID #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Date run	Turbidity Time run	Turbidity By	TUM S/N	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total	Filter ID#
88		01IS 0530	MC	03/26/01	02:30	Time ISCO	26.00	0	ISCO	04/11/01	20:38	C. Fenton	9614					
88		01IS 0464	MC	03/26/01	05:30	Time ISCO	24.50	0	ISCO	04/11/01	20:42	C. Fenton	9614					
88		01IS 0463	MC	03/26/01	08:30	Time ISCO	21.70	0	ISCO	04/11/01	20:44	C. Fenton	9614					
88		01IS 0461	MC	03/26/01	11:30	Time ISCO	19.50	0	ISCO	04/11/01	20:45	C. Fenton	9614					
88		01IS 0462	MC	03/26/01	14:30	Time ISCO	18.50	0	ISCO	04/11/01	20:48	C. Fenton	9614					
88		01IS 0466	MC	03/26/01	17:30	Time ISCO	16.20	0	ISCO	04/11/01	20:50	C. Fenton	9614					
88		01IS 0467	MC	03/26/01	20:30	Time ISCO	16.40	0	ISCO	04/11/01	20:52	C. Fenton	9614					
88		01IS 0392	MC	03/26/01	23:30	Time ISCO	14.10	0	ISCO	04/11/01	20:54	C. Fenton	9614					
88		01IS 0446	MC	03/27/01	02:30	Time ISCO	13.10	0	ISCO	04/11/01	20:55	C. Fenton	9614					
88		01IS 0445	MC	03/27/01	05:30	Time ISCO	13.40	0	ISCO	04/11/01	20:57	C. Fenton	9614					
89		01IS 0389	MC	03/27/01	08:30	Time ISCO	12.00	0	ISCO	04/11/01	21:00	C. Fenton	9614					
89		01IS 0395	MC	03/27/01	11:30	Time ISCO	12.40	0	ISCO	04/11/01	21:03	C. Fenton	9614					
89		01IS 0449	MC	03/27/01	14:30	Time ISCO	10.90	0	ISCO	04/11/01	21:05	C. Fenton	9614					
89		01IS 0616	MC	04/02/01	16:04	Time ISCO	11.60	0	ISCO	04/11/01	21:23	C. Fenton						
89		01IS 0617	MC	04/02/01	19:04	Time ISCO	11.50	0	ISCO	04/11/01	21:25	C. Fenton						
89		01IS 0618	MC	04/02/01	22:04	Time ISCO	13.30	0	ISCO	04/11/01	21:27	C. Fenton						
89		01IS 0619	MC	04/03/01	01:04	Time ISCO	13.80	0	ISCO	04/11/01	21:30	C. Fenton						
89		01IS 0620	MC	04/03/01	04:04	Time ISCO	12.70	0	ISCO	04/11/01	21:32	C. Fenton						
89		01IS 0621	MC	04/03/01	07:04	Time ISCO	9.28	0	ISCO	04/11/01	21:34	C. Fenton						
89		01IS 0622	MC	04/03/01	10:04	Time ISCO	10.10	0	ISCO	04/11/01	21:36	C. Fenton						
89		01IS 0623	MC	04/03/01	13:04	Time ISCO	11.60	0	ISCO	04/11/01	21:38	C. Fenton						
89		01IS 0624	MC	04/03/01	16:04	Time ISCO	11.20	0	ISCO	04/11/01	21:40	C. Fenton						
90		01IS 0625	MC	04/03/01	19:04	Time ISCO	10.20	0	ISCO	04/11/01	21:42	C. Fenton						
90		01IS 0626	MC	04/03/01	22:04	Time ISCO	9.34	0	ISCO	04/11/01	21:44	C. Fenton						
90		01IS 0627	MC	04/04/01	01:04	Time ISCO	10.10	0	ISCO	04/11/01	21:46	C. Fenton						
90		01IS 0628	MC	04/05/01	04:04	Time ISCO	15.90	0	ISCO	04/11/01	21:48	C. Fenton						
95		01IS 0698	MC	04/07/01	20:10	Time ISCO	42.70	0	ISCO	04/17/01	11:43	J. Noel	22441					
95		01IS 0699	MC	04/08/01	02:10	Time ISCO	38.90	0	ISCO	04/17/01		J. Noel	22441					
95		01IS 0700	MC	04/08/01	08:10	Time ISCO	32.20	0	ISCO	04/17/01		J. Noel	22441					
95		01IS 0701	MC	04/08/01	14:10	Time ISCO	28.70	0	ISCO	04/17/01	12:01	J. Noel	22441					
96		01IS 0702	MC	04/08/01	20:10	Time ISCO	41.30	0	ISCO	04/17/01	13:05	J. Noel	22441					
96		01IS 0703	MC	04/09/01	02:10	Time ISCO	34.50	0	ISCO	04/17/01		J. Noel	22441					
96		01IS 0704	MC	04/09/01	08:10	Time ISCO	25.20	0	ISCO	04/17/01		J. Noel	22441					
96		01IS 0705	MC	04/09/01	14:10	Time ISCO	24.40	0	ISCO	04/17/01		J. Noel	22441					
96		01IS 0706	MC	04/09/01	20:10	Time ISCO	21.30	0	ISCO	04/17/01	13:32	J. Noel	22441					

Initial Filter Weight g	Final Filter Weight g	Sediment Wt. Gr	Lab Code	Total Mg/L	Turbidity FTU	Date Sampled	Time Sampled	Raw Stage	Stage	Discharge CFS	Vel. Str. hi or lo	Vel. dist.	Vel. sec.	Comments
					26	03/26/01	02:30							B12 no ssc
					24.5	03/26/01	05:30							B13 no ssc
					21.7	03/26/01	08:30							B14 no ssc
					19.5	03/26/01	11:30							B15 no ssc
					18.5	03/26/01	14:30							B16 no ssc
					16.2	03/26/01	17:30							B17 no ssc
					16.4	03/26/01	20:30							B18 no ssc
					14.1	03/26/01	23:30							B19 no ssc
					13.1	03/27/01	02:30							B20 no ssc
					13.4	03/27/01	05:30							B21 no ssc
					12	03/27/01	08:30							B22 no ssc
					12.4	03/27/01	11:30							B23 no ssc
					10.9	03/27/01	14:30							B24 no ssc
					11.6	04/02/01	16:04							Bottle 1 of 13 - no ssc - 180 min. interval
					11.5	04/02/01	19:04							B02 no ssc
					13.3	04/02/01	22:04							B03 no ssc
					13.8	04/03/01	01:04							B04 no ssc
					12.7	04/03/01	04:04							B05 no ssc
					9.28	04/03/01	07:04							B06 no ssc
					10.1	04/03/01	10:04							B07 no ssc
					11.6	04/03/01	13:04							B08 no ssc
					11.2	04/03/01	16:04							B09 no ssc
					10.2	04/03/01	19:04							B10 no ssc
					9.34	04/03/01	22:04							B11 no ssc
					10.1	04/04/01	01:04							B12 no ssc
					15.9	04/05/01	04:04							B13 no ssc
					42.7	04/07/01	20:10							Bottle 1 of 24 360 min. interval ISCO #5 installed
					38.9	04/08/01	02:10							B02
					32.2	04/08/01	08:10							B03 no ssc
					28.7	04/08/01	14:10							B04
						04/08/01	20:10							B05
						04/09/01	02:10							B06 no ssc
						04/09/01	08:10							B07 12:47 on 4-9-01 display 84 min. to B08
						04/09/01	14:10							B08 no ssc
						04/09/01	20:10							B09

Sign in page #	Datasheet #	Sample ID #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Date run	Turbidity Time run	Turbidity By	TUM S/N	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total	Filter ID#
96		01IS 0707	MC	04/10/01	02:10	Time ISCO	18.90	0	ISCO	04/17/01		J. Noel	22441					
96		01IS 0708	MC	04/10/01	08:10	Time ISCO	18.50	0	ISCO	04/17/01	13:42	J. Noel	22441					
96		01IS 0709	MC	04/10/01	14:10	Time ISCO	15.90	0	ISCO	04/17/01		J. Noel	22441					
96		01IS 0710	MC	04/10/01	20:10	Time ISCO		0	ISCO	04/17/01		J. Noel	22441					
96		01IS 0629	MC	04/11/01	02:10	Time ISCO	18.40	0	ISCO	04/17/01		J. Noel	22441					
96		01IS 0630	MC	04/11/01	08:10	Time ISCO	15.80	0	ISCO	04/17/01		J. Noel	22441					
96		01IS 0631	MC	04/11/01	14:10	Time ISCO	23.10	0	ISCO	04/17/01	14:27	J. Noel	22441					
97		01IS 0632	MC	04/11/01	20:10	Time ISCO	17.80	0	ISCO	04/17/01		J. Noel	22441					
97		01IS 0633	MC	04/12/01	02:10	Time ISCO	13.10	0	ISCO	04/17/01		J. Noel	22441					
97		01IS 0634	MC	04/12/01	08:10	Time ISCO	14.90	0	ISCO	04/17/01		J. Noel	22441					
97		01IS 0635	MC	04/12/01	14:10	Time ISCO	14.00	0	ISCO	04/17/01		J. Noel	22441					
97		01IS 0606	MC	04/12/01	20:10	Time ISCO	12.20	0	ISCO	04/17/01		J. Noel	22441					
97		01IS 0608	MC	04/13/01	02:10	Time ISCO	12.40	0	ISCO	04/17/01		J. Noel	22441					
97		01IS 607	MC	04/13/01	08:10	Time ISCO	11.50	0	ISCO	04/17/01		J. Noel	22441					
97		01IS 0611	MC	04/13/01	14:10	Time ISCO	12.80	0	ISCO	04/17/01	16:02	J. Noel	22441					
110		01IS 0718	MC	04/16/01	21:29	Time ISCO	7.20	0	ISCO	05/01/01	16:35	CF/EN	9614					
110		01IS 0719	MC	04/17/01	03:29	Time ISCO	41.20	0	ISCO	05/01/01	16:37	CF/EN	9614					
110		01IS 0720	MC	04/17/01	09:29	Time ISCO	26.70	0	ISCO	05/01/01	16:38	CF/EN	9614					
111		01IS 0721	MC	04/17/01	15:29	Time ISCO	13.80	0	ISCO	05/01/01	16:40	CF/EN	9614					
111		01IS 0722	MC	04/17/01	21:29	Time ISCO	9.66	0	ISCO	05/01/01	16:42	CF/EN	9614					
111		01IS 0723	MC	04/18/01	03:29	Time ISCO	11.50	0	ISCO	05/01/01	16:43	CF/EN	9614					
111		01IS 0724	MC	04/18/01	09:29	Time ISCO	8.90	0	ISCO	05/01/01	16:44	CF/EN	9614					
111		01IS 0725	MC	04/18/01	15:29	Time ISCO	7.40	0	ISCO	05/01/01	16:45	CF/EN	9614					
111		01IS 0726	MC	04/18/01	21:29	Time ISCO	6.53	0	ISCO	05/01/01	16:46	CF/EN	9614					
111		01IS 0727	MC	04/19/01	03:29	Time ISCO	6.15	0	ISCO	05/01/01	16:48	CF/EN	9614					
111		01IS 0728	MC	04/19/01	09:29	Time ISCO	6.22	0	ISCO	05/01/01	16:50	CF/EN	9614					
111		01IS 0729	MC	04/19/01	15:29	Time ISCO	5.58	0	ISCO	05/01/01	16:51	CF/EN	9614					
111		01IS 0730	MC	04/19/01	21:29	Time ISCO	5.26	0	ISCO	05/01/01	16:52	CF/EN	9614					
111		01IS 0731	MC	04/20/01	03:29	Time ISCO	6.38	0	ISCO	05/01/01	16:53	CF/EN	9614					
111		01IS 0732	MC	04/20/01	09:29	Time ISCO	4.94	0	ISCO	05/01/01	16:54	CF/EN	9614					
112		01IS 0733	MC	04/20/01	15:29	Time ISCO	21.10	0	ISCO	05/01/01	16:55	CF/EN	9614					
112		01IS 0734	MC	04/20/01	21:29	Time ISCO	37.40	0	ISCO	05/01/01	16:57	CF/EN	9614					
112		01IS 0735	MC	04/21/01	03:29	Time ISCO	21.00	0	ISCO	05/01/01	16:59	CF/EN	9614					
112		01IS 0736	MC	04/21/01	09:29	Time ISCO	15.80	0	ISCO	05/01/01	17:00	CF/EN	9614					
112		01IS 0737	MC	04/21/01	15:29	Time ISCO	13.60	0	ISCO	05/01/01	17:02	CF/EN	9614					

Initial Filter Weight g	Final Filter Weight g	Sediment Wt. Gr	Lab Code	Total Mg/L	Turbidity FTU	Date Sampled	Time Sampled	Raw Stage	Stage	Discharge CFS	Vel. Str. hi or lo	Vel. dist.	Vel. sec.	Comments
						04/10/01	02:10							B10
						04/10/01	08:10							B11 no ssc
						04/10/01	14:10							B12
						04/10/01	20:10							B13 no ssc
						04/11/01	02:10							B14 no ssc
						04/11/01	08:10							B15
						04/11/01	14:10							B16 no ssc
					17.8	04/11/01	20:10							B17
					13.1	04/12/01	02:10							B18 no ssc
					14.9	04/12/01	08:10							B19
					14	04/12/01	14:10							B20 no ssc
					12.2	04/12/01	20:10							B21
					12.4	04/13/01	02:10							B22 no ssc
					11.5	04/13/01	08:10							B23
					12.8	04/13/01	14:10							B24 no ssc
					7.20									
					41.20									
					26.70	21:29	Time ISCO							Bottle 1 of 24 - by J. Noell -
					13.80	03:29	Time ISCO							B02
					9.66	09:29	Time ISCO							B03
					11.50	15:29	Time ISCO							B04
					8.90	21:29	Time ISCO							B05
					7.40	03:29	Time ISCO							B06
					6.53	09:29	Time ISCO							B07
					6.15	15:29	Time ISCO							B08
					6.22	21:29	Time ISCO							B09
					5.58	03:29	Time ISCO							B10
					5.26	09:29	Time ISCO							B11
					6.38	15:29	Time ISCO							B12
					4.94	21:29	Time ISCO							B13
					21.10	03:29	Time ISCO							B14
					37.40	09:29	Time ISCO							B15
					21.00	15:29	Time ISCO							B16
					15.80	21:29	Time ISCO							B17
					13.60	03:29	Time ISCO							B18

Sign in page #	Datasheet #	Sample ID #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Date run	Turbidity Time run	Turbidity By	TUM S/N	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total	Filter ID#
112		01IS 0738	MC	04/21/01	21:29	Time ISCO	11.60	0	ISCO	05/01/01	17:03	CF/EN	9614					
112		01IS 0739	MC	04/22/01	03:29	Time ISCO	13.00	0	ISCO	05/01/01	17:04	CF/EN	9614					
112		01IS 0740	MC	04/22/01	09:29	Time ISCO	9.97	0	ISCO	05/01/01	17:05	CF/EN	9614					
112		01IS 0741	MC	04/22/01	15:29	Time ISCO	8.09	0	ISCO	05/01/01	17:06	CF/EN	9614					

Initial Filter Weight g	Final Filter Weight g	Sediment Wt. Gr	Lab Code	Total Mg/L	Turbidity FTU	Date Sampled	Time Sampled	Raw Stage	Stage	Discharge CFS	Vel. Str. hi or lo	Vel. dist.	Vel. sec.	Comments			
					11.60	09:29	Time ISCO							B19			
					13.00	15:29	Time ISCO							B20			
					9.97	21:29	Time ISCO							B21			
					8.09	03:29	Time ISCO							B22			
						09:29	Time ISCO							B23			
						15:29	Time ISCO							Bottle 24 of 24			

Freshwater Creek at Howard Heights Bridge (HH)																		
Howard Heights Road (4J010) PM 0.01 - Bridge # 4C-0049																		
Compiled by L. Gagnon and C. Fenton						Humboldt County, California												
Checked By C. Fenton						Hydrologic Year 2001												
Turbidity / Suspended Sediment Data - Grab Sampling - provisional																		
Sample taken from br. dnstm. center						Salmon Forever / Sunny Brae Sediment Lab												
TC-Tisa Cook; BL-Bob London; EN-Eric Nyman; JN-Jesse Noel; CF-Clark Fenton; TC-Tanya Crowley; JK - Joyce King; DVD-Daryl VanDyke																		
Sign in page #	Datasheet #	Sample ID #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Date run	Turbidity Time run	Turbidity By	TUM #	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total	Filter ID#
1		01GR 0001	HH	10/19/00	17:34	C. Fenton	3.46	0	Hach Cell	10/19/00	17:38	C. Fenton						
2		01GR250	HH	10/21/00	13:33	C. Fenton	2.90	0	Hach Cell	10/21/00	13:37	C. Fenton						
3	6	01GR0101	HH	10/29/00	14:27	C. Fenton	2.01	0	Hach Cell	10/29/00	14:27	C. Fenton		18.1	37.1	19	1 1	99
6		01GR0151	HH	10/30/00	07:40	B. London	15.40	0	Hach Cell	12/17/00	20:10	C. Fenton	22423					
6		01GR0154	HH	11/13/00	08:10	B. London	2.45	0	Hach Cell	12/17/00	20:12	C. Fenton	22423					
4		01GR0187	HH	11/13/00	15:00	T. Cook	14.60	0	Hach Cell	11/19/00	12:45	C. Fenton	22423					
6		01GR0152	HH	11/13/00	16:55	B. London	35.50	0	Hach Cell	12/17/00	20:15	C. Fenton	22423					
6		01GR0153	HH	11/14/00	07:05	B. London	35.20	0	Hach Cell	12/17/00	20:25	C. Fenton	22423					
4		01GR0188	HH	11/14/00	14:40	T. Cook	22.60	0	Hach Cell	11/19/00	12:47	C. Fenton	22423					
3		01GR0116	HH	11/14/00	16:20	C. Fenton	11.80	0	Hach Cell	11/14/00	16:22	C. Fenton	22423					
6		01GR0189	HH	11/23/00	15:25	T. Cook	4.81	0	Hach Cell	12/17/00	19:59	C. Fenton	22423					
6		01GR0155	HH	11/29/00	07:55	B. London	61.80	0	Hach Cell	12/17/00	20:17	C. Fenton	22423					
6		01GR0190	HH	11/29/00	15:00	T. Cook	51.00	0	Hach Cell	12/17/00	20:02	C. Fenton	22423					
6		01GR0156	HH	11/29/00	16:40	B. London	57.20	0	Hach Cell	12/17/00	20:20	C. Fenton	22423					
6		01GR0157	HH	11/30/00	08:00	B. London	30.00	0	Hach Cell	12/17/00	20:23	C. Fenton	22423					
6		01GR0191	HH	12/11/00	12:00	T. Cook	1.73	0	Hach Cell	12/17/00	20:08	C. Fenton	22423					
16		01GR0192	HH	12/13/00	15:00	T. Cook	5.93	0	Hach Cell	01/21/01	16:42	J. Noel	9614					
13		01GR0158	HH	12/14/00	07:45	B. London	78.30	0	Hach Cell	01/11/01	18:33	J. Noel	22423					
16		01GR0311	HH	12/14/00	09:40	T. Cook	55.80	0	Hach Cell	01/21/01	16:43	J. Noel	9614					
5	6	01GR0051	HH	12/14/00	16:01	C. Fenton	49.30	0	Hach Cell	12/14/01	16:08	C. Fenton	22423	18.2	35.3	17.1	1 1	109
13		01GR0159	HH	12/14/00	16:25	B. London	42.10	0	Hach Cell	01/11/01	18:34	J. Noel	22423					
13		01GR0160	HH	12/15/00	10:00	B. London	26.80	0	Hach Cell	01/11/01	18:36	J. Noel	22423					
16		01GR0132	HH	12/15/00	13:10	T. Cook	22.50	0	Hach Cell	01/21/01	16:44	J. Noel	9614					
16		01GR0313	HH	12/17/00	10:55	T. Cook	23.10	0	Hach Cell	01/21/01	16:46	J. Noel	9614					
13		01GR0161	HH	12/23/00	08:40	B. London	3.53	0	Hach Cell	01/11/01	18:42	J. Noel	22423					
16		01GR0314	HH	01/07/01	15:00	T. Cook	1.27	0	Hach Cell	01/21/01	16:47	J. Noel	9614					
13		01GR0317	HH	01/08/01	08:15	B. London	3.89	0	Hach Cell	01/11/01	18:39	J. Noel	22423					
16		01GR0315	HH	01/08/01	15:00	T. Cook	33.80	0	Hach Cell	01/21/01	16:48	J. Noel	9614					
13		01GR0318	HH	01/08/01	17:05	B. London	66.40	0	Hach Cell	01/11/01	18:29	J. Noel	22423					

Freshwater Creek at Howard Heights Bridge (HH)														
Howard Heights Road (4J010) PM 0.01 - Bridge # 4C-0049														
Humboldt County, California														
Hydrologic Year 2001														
Turbidity / Suspended Sediment Data - Grab Sampling - provisional								Stage is measured at the staff plate staff plate = 16.83 - rail						
Salmon Forever / Sunny Brae Sediment Lab								Raw stage is measured as inches down from the top of bridge Floating Object Velocity						
Initial Filter Weight g	Final Filter Weight g	Sediment Wt. Gr	Lab Code	Total Mg/L	Turbidity FTU	Date Sampled	Time Sampled	Raw Stage	Stage ft.	Discharge CFS	Vel. Str. hi or lo	Vel. dist.	Vel. sec.	Comments
					3.46	10/19/00	17:34		0.92					Baseline; no ssc, new staff plate
					2.90	10/21/00	13:33		1.07					no ssc; finish staff plate to 13.0' - baseline
0.11267	0.11262	-0.00005	1	-2.6	2.01	10/29/00	14:27		1.11					
					15.40	10/30/00	07:40		1.35					cloudy
					2.45	11/13/00	08:10		1.01					light rain - rain start 11-13-01 at 7 am
					14.60	11/13/00			1.25					raining - rain started last night
					35.50	11/13/00	16:55		1.40					rain - 0.9" of rain since start of storm
					35.20	11/14/00	07:05		1.70					Pt. Cloudy
					22.60	11/14/00	14:40		1.56					off/on sprinkles
					11.80	11/14/00	16:20		1.28					no ssc
					4.81	11/23/00	15:25		1.13					light rain
					61.80	11/29/00	07:55		1.78					rising - 0.96" of rain since start - cloudy
					51.00	11/29/00	15:00		2.22					late night
					57.20	11/29/00	16:40		2.10					cldy - 1" rain since start storm rain start 11-28-01pm
					30.00	11/30/00	08:00		1.70					mostly cldy 1.05" rain since start storm 11-28 eve.
					1.73	12/11/00	12:00		1.00					showering
					5.93	12/13/00	15:00		1.32					raining heavy off and on - rain start yesterday am
					78.30	12/14/00	07:45		2.72					cloudy - 0.58" since start of rain - start 12-13-01 7am
					55.80	12/14/00	09:40		3.58					raining heavy last night thunderstorm
0.10189	0.10217	0.00028	0	16.4	49.30	12/14/00	16:01	14'7" dn	2.23					Cloudy
					42.10	12/14/00	16:25		2.18					cloudy - 0.60" rain since start
					26.80	12/15/00	10:00		1.98					cloudy cum. Rain 0.75"
					22.50	12/15/00	13:10	14' 10.5" dn	1.97					sunny - clearing
					23.10	12/17/00	10:55		1.87					sunny - rain last night 8 pm
					3.53	12/23/00	08:40		1.29					rain
					1.27	01/07/01	15:00		0.99					long dry period - storm coming in
					3.89	01/08/01	08:15		1.07					drizzle - cum. Rain 0.58" since start 1-7-01 22:00
					33.80	01/08/01	15:00		1.69					clearing
					66.40	01/08/01	17:05		2.08					clear cum. Rain 0.79"

Sign in page #	Datasheet #	Sample ID #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Date run	Turbidity Time run	Turbidity By	TUM #	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total	Filter ID#
16		01GR0316	HH	01/09/01	11:55	T. Cook	23.40	0	Hach Cell	01/21/01	16:51	J. Noel	9614					
13		01GR0319	HH	01/09/01	16:55	B. Londor	24.60	0	Hach Cell	01/11/01	18:40	J. Noel	22423					
44	7	01GR0320	HH	01/10/01	08:40	B. Londor	47.10	0	Hach Cell	02/19/01	11:50	C. Fenton	22423	18.2	34.5	16.3	1 1	129
19	10	01GR0200	HH	01/10/01	12:05	T. Cook	37.40	0	Hach Cell	01/27/01	15:51	C. Fenton	22441	17.7	36.7	19	1 1	170
19	10	01GR0201	HH	01/10/01	14:55	T. Cook	120.00	0	Hach Cell	01/27/01	16:04	C. Fenton	22441	18.3	34.2	15.9	1 1	171
44	7	01GR0321	HH	01/10/01	16:00	B. Londor	235.00	0	Hach Cell	02/19/01	11:53	C. Fenton	22423	18.1	32.5	14.4	1 1	130
44	7	01GR0322	HH	01/11/01	08:00	B. Londor	52.00	0	Hach Cell	02/19/01	11:56	C. Fenton	22423	18.3	34.2	15.9	1 1	131
19	10	01GR0202	HH	01/11/01	11:55	T. Cook	43.20	0	Hach Cell	01/27/01	16:09	C. Fenton	22441	17.9	37.3	19.4	1 1	172
44	7	01GR0444	HH	01/13/01	17:00	B. Londor	36.60	0	Hach Cell	02/19/01	11:59	C. Fenton	22423	18.1	34.8	16.7	1 1	133
69		01GR0431	HH	01/20/01	13:20	T. Cook	23.40	0	Hach Cell	03/08/01	10:16	C. Fenton	22423					
44	7	01GR0445	HH	01/23/01	07:45	B. Londor	3.23	0	Hach Cell	02/19/01	12:00	C. Fenton	22423	18.1	34.5	16.4	1 1	134
19	10	01GR0203	HH	01/23/01	15:00	T. Cook	41.10	0	Hach Cell	01/27/01	16:12	C. Fenton	22441	18.2	38.2	20	1 1	173
44	7	01GR0446	HH	01/23/01	17:10	B. Londor	11.60	0	Hach Cell	02/19/01	12:03	C. Fenton	22423	18.3	34.8	16.5	1 1	135
44	7	01GR0447	HH	01/24/01	07:45	B. Londor	45.40	0	Hach Cell	02/19/01	12:06	C. Fenton	22423	17.9	34.1	16.2	1 1	136
71	10	01GR0204	HH	01/24/01	12:35	T. Cook	37.30	0	Hach Cell	03/10/01	15:48	D. Vdyke	22441	18.3	38.3	20	1 1	174
44	7	01GR0448	HH	01/24/01	17:00	B. Londor	34.80	0	Hach Cell	02/19/01	12:07	C. Fenton	22423	18.2	34.2	16	1 1	137
45	7	01GR0449	HH	01/25/01	08:10	B. Londor	24.90	0	Hach Cell	02/19/01	12:14	C. Fenton	22423	18.3	34.7	16.4	1 1	138
45	7	01GR0450	HH	01/25/01	11:00	B. Londor	42.50	0	Hach Cell	02/19/01	12:16	C. Fenton	22423	18.2	34.1	15.9	1 1	139
45	7	01GR0451	HH	01/25/01	14:00	B. Londor	488.00	0	Hach Cell	02/19/01	12:18	C. Fenton	22423	18.2	34.9	16.7	1 1	140
45	7	01GR0452	HH	01/25/01	16:50	B. Londor	226.00	0	Hach Cell	02/19/01	12:20	C. Fenton	22423	18.3	34.6	16.3	1 1	141
45	7	01GR0453	HH	01/26/01	08:05	B. Londor	46.00	0	Hach Cell	02/19/01	12:53	C. Fenton	22423	18.2	34.9	16.7	1 1	142
45	7	01GR0454	HH	01/26/01	12:50	B. Londor	40.80	0	Hach Cell	02/19/01	12:56	C. Fenton	22423	18.3	34.4	16.1	1 1	143
45	7	01GR0455	HH	01/26/01	17:20	B. Londor	36.70	0	Hach Cell	02/19/01	12:58	C. Fenton	22423	18.1	35.2	17.1	1 1	144
	7	01GR 0426	HH	02/09/01	12:15		4.71	0	Hach Cell					18.1	35.8	17.7	1 1	117
44	7	01GR0427	HH	02/11/01	16:00	T. Cook	40.80	0	Hach Cell	02/14/01	18:09	C. Fenton	22423	18.1	37.7	19.6	1 1	118
44	7	01GR0428	HH	02/12/01	11:00	T. Cook	26.90	0	Hach Cell	02/19/01	11:11	C. Fenton	22423	18	37.6	19.6	1 1	119
56		01GR0506	HH	02/17/01	08:10	B. Londor	8.78	0	Hach Cell	02/27/01	12:10	D. Vdyke						
69		01GR0429	HH	02/17/01	16:40	T. Cook	16.70	0	Hach Cell	03/08/01	10:09	C. Fenton	22423					
56		01GR0507	HH	02/18/01	07:30	B. Londor	36.70	0	Hach Cell	02/27/01	12:14	D. Vdyke						
69		01GR0430	HH	02/18/01	11:05	T. Cook	38.50	0	Hach Cell	03/08/01	10:12	C. Fenton	22423					
44		01GR0426	HH	02/19/01	12:15	T. Cook	4.71	0	Hach Cell	02/14/01	18:05	C. Fenton	22423					
56		01GR0508	HH	02/20/01	07:45	B. Londor	20.40	0	Hach Cell	02/27/01	12:20	D. Vdyke						
56		01GR0509	HH	02/20/01	17:30	B. Londor	34.10	0	Hach Cell	02/27/01	12:25	D. Vdyke						
79		01GR 0466	HH	02/21/01	06:52	S. Farhi	27.50	0	Hach Cell	03/19/01	13:52	S. Farhi	22423					
56		01GR0510	HH	02/21/01	08:00	B. Londor	26.90	0	Hach Cell	02/27/01	12:29	D. Vdyke						
70		01GR0678	HH	02/21/01	17:25	B. Londor	36.30	0	Hach Cell	03/08/01	10:41	C. Fenton	22423					
70		01GR0679	HH	02/22/01	07:20	B. Londor	239.00	0	Hach Cell	03/08/01	10:49	C. Fenton	22423					

Initial Filter Weight g	Final Filter Weight g	Sediment Wt. Gr	Lab Code	Total Mg/L	Turbidity FTU	Date Sampled	Time Sampled	Raw Stage	Stage ft.	Discharge CFS	Vel. Str. hi or lo	Vel. dist.	Vel. sec.	Comments
					23.40	01/09/01	11:53		1.65					rain off and on
					24.60	01/09/01	16:55		1.60					light rain cum. Rain 1.03
0.10065	0.10107	0.00042	0	25.8	47.10	01/10/01	08:40		2.06					cloudy
0.1106	0.11112	0.00052	0	27.4	37.40	01/10/01	12:05		2.17					rain
0.1103	0.11247	0.00217	0	136.5	120.00	01/10/01	14:55		2.76					rain on / off; muddy, many branches coming dntstream
0.11135	0.11476	0.00341	0	236.8	235.00	01/10/01	16:00		3.03					lt. Rain - cum. Rain total 1.88" since Jan 7
0.11313	0.11361	0.00048	0	30.2	52.00	01/11/01	08:00		2.66					pt. Cldy cum. Rain total 2.13" since 1-7-01
0.11147	0.11216	0.00069	0	35.6	43.20	01/11/01	11:55		2.48					showers on and off
0.10053	0.10076	0.00023	0	13.8	36.60	01/13/01	17:00		2.24					clear
					23.40	01/20/01	13:20		2.01					rain off/on
0.11229	0.11232	0.00003	0	1.8	3.23	01/23/01	07:45		1.07					cumm. rain 0.62 since start storm 1-23-01 06:00 cldy
0.10767	0.1079	0.00023	0	11.5	41.10	01/23/01	15:00		1.11					creek level low still - rain off and on hard
0.1132	0.11341	0.00021	0	12.7	11.60	01/23/01	17:10		1.28					rain - since 1-23-01 cum. rain 0.79"
0.11303	0.1134	0.00037	0	22.8	45.40	01/24/01	07:45		1.88					cloudy - cum. rainfall 0.87
0.10941	0.10987	0.00046	0	23.0	37.30	01/24/01	12:35		1.77					
0.10179	0.10189	0.00010	0	6.3	34.80	01/24/01	17:00		1.72					pt. Cloudy
0.11365	0.11377	0.00012	0	7.3	24.90	01/25/01	08:10		1.70					cloudy
0.11267	0.1133	0.00063	0	39.6	42.50	01/25/01	11:00		2.09					lt. Rain - cum. Rain since 1-25-01 at 08:30 0.92"
0.11272	0.12238	0.00966	0	578.7	488.00	01/25/01	14:00		4.16					cum. rainfall 1.09" since 1-25-01 at 08:30
0.10094	0.10433	0.00339	0	208.0	226.00	01/25/01	16:50		4.17					cloudy - cum. rainfall 1.10" since 1-25-01 at 08:30
0.11324	0.11361	0.00037	0	22.2	46.00	01/26/01	08:05		2.88					pt. Sunny - cum. rainfall 1.46" since 1-25-01 at 08:30
0.1138	0.11406	0.00026	0	16.1	40.80	01/26/01	12:50		2.75					sunny - cum. rainfall 1.46" since 1-25-01 at 08:30
0.10085	0.10132	0.00047	0	27.5	36.70	01/26/01	17:20		2.54					fair
0.10053	0.10053	0.00000	0	0.0	4.71	02/09/01	12:15		2.33					falling stage
0.11192	0.11221	0.00029	0	14.8	40.80	02/11/01	16:00		2.12					stormy afternoon - rain off / on for a few days
0.11232	0.11254	0.00022	0	11.2	26.90	02/12/01	11:00		1.81					clearing - falling stage
					8.78	02/17/01	08:10		1.39					rain start 2-16-01 eve.
					16.70	02/17/01	16:40		1.79					clearing - turbidity w/ Eric Nyman
					36.70	02/18/01	07:30		2.18					cloudy - cum. rainfall since 2-17-01 08:10 0.56"
					38.50	02/18/01	11:05		2.14					
					4.71	02/19/01	12:15		2.33					rainy - falling
					20.40	02/20/01	07:45		1.75					rain - cum. rainfall since 2-18-01 07:30 0.39"
					34.10	02/20/01	17:30		2.26					Lt. Rain - cum. rainfall since 2-20-01 07:45 0.19"
					27.50	02/21/01	06:52		2.21					overcast - falling stage - rain 2 hrs earlier just stopped
					26.90	02/21/01	08:00		2.19					Lt. Rain - cum. rainfall since 2-20-01 17:30 0.25"
					36.30	02/21/01	17:25		2.48					rain
					239.00	02/22/01	07:20		5.16					showers

69		01GR0456	HH	02/22/01	14:55	T. Cook	65.60	0	Hach Cell	03/08/01	10:16	C. Fenton	22423					
Sign in	Datasheet	Sample	Location	Date	Time	Sampled	Turbidity	Tur.	Container	Turbidity	Turbidity	Turbidity	TUM	Tare Bottle	Total Bottle	Volume/	Filter	Filter
page #	#	ID #	Sampled	Sampled	Sampled	By	FTU	Code	Type	Date run	Time run	By	#	Weight g	Weight g	Bottle Wt.	Total	ID#
70		01GR0680	HH	02/22/01	17:55	B. London	60.90	0	Hach Cell	03/08/01	10:52	C. Fenton	22423					
59		01GR0218	HH	03/03/01	12:30	C. Fenton	16.80	0	Hach Cell	03/04/01	08:35	C. Fenton						
70		01GR0457	HH	03/04/01	09:10	T. Cook	35.10	0	Hach Cell	03/08/01	10:27	C. Fenton	22423					
70		01GR0458	HH	03/04/01	15:30	T. Cook	139.00	0	Hach Cell	03/08/01	10:30	C. Fenton	22423					
70		01GR0681	HH	03/04/01	08:00	B. London	27.50	0	Hach Cell	03/08/01	10:56	C. Fenton	22423					
70		01GR0682	HH	03/04/01	17:50	B. London	97.60	0	Hach Cell	03/08/01	10:59	C. Fenton	22423					
70		01GR0683	HH	03/05/01	07:25	B. London	63.00	0	Hach Cell	03/08/01	11:02	C. Fenton	22423					
71		01GR0807	HH	03/11/01	14:45	CF,EN	8.50	0	Hach Cell	03/11/01	14:47	CF,EN	22423					

Initial Filter	Final Filter	Sediment	Lab	Total	65.60	02/22/01	14:55		3.77									
Weight g	Weight g	Wt. Gr	Code	Mg/L	Turbidity	Date	Time	Raw	Stage	Discharge	Vel. Str.	Vel.	Vel.	Comments				
					FTU	Sampled	Sampled	Stage	ft.	CFS	hi or lo	dist.	sec.					
					60.90	02/22/01	17:55		3.59					cloudy				
					16.80	03/03/01	12:30	15'1" dn	1.70					no ssc; discharge cert				
					35.10	03/04/01	09:10		2.18					showering - rain start last night				
					139.00	03/04/01	15:30		3.53					rain off/on				
					27.50	03/04/01	08:00		1.97									
					97.60	03/04/01	17:50		3.47									
					63.00	03/05/01	07:25		3.35									
					8.50	03/11/01	14:45		1.45		hi	23.8	18.97	w/discharge; no ssc				
													18.31					
													19.54					

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

Compiled by L. Gagnon and C. Fenton

Humboldt County, California

Checked By C. Fenton

Hydrologic Year 01

Grab Sampling: Turbidity / Suspended Sediment Data - provisional

Salmon Forever / Sunny Brae Sediment Lab

Sign in page #	Datasheet #	Sample ID #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Date run	Turbidity Time run	Turbidity By	TUM S/N	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total	Filter ID#	Initial Filter Weight g
1		01GR0003	FTR	10/19/00	18:47	C. Fenton	0.79	0	Hach Cell	10/19/00	18:48	C. Fenton							
1			FTR	10/21/00	11:15	C. Fenton	0.92	0	Hach Cell	01/01/04	11:15	C. Fenton							
2			FTR	10/21/00	18:47	C. Fenton	0.79	0	Hach Cell	10/19/00	18:48	C. Fenton							
2		01GR0005	FTR	10/21/00	11:15	C. Fenton	0.92	0	Hach Cell	10/21/00	11:15	C. Fenton							
3		01GR119	FTR	11/09/00	17:01	C. Fenton	2.12	0	Hach Cell	11/09/00	17:07	C. Fenton							
3		01GR120	FTR	11/14/00	15:30	C. Fenton	9.40	0	Hach Cell	11/14/00	15:35	C. Fenton	22423						
3		01IS0001	FTR	Dump 1		ISCO			ISCO										
3		01IS0002	FTR			ISCO			ISCO										
3		01IS0003	FTR			ISCO			ISCO										
4		01IS0004	FTR			ISCO			ISCO										
4		01IS0005	FTR			ISCO			ISCO										
4		01IS0006	FTR			ISCO			ISCO										
4		01IS0007	FTR	Dump 1		ISCO			ISCO										
5		01GR0125	FTR	11/18/00	14:16	C. Fenton	1.81	0	Hach Cell	11/18/00	14:17	C. Fenton	22423						
5		01GR0126	FTR	11/19/00	15:01	C. Fenton	1.46	0	Hach Cell	11/19/00	15:04	C. Fenton	22423						
5		01GR0123	FTR	11/29/00	16:22	C. Fenton	49.20	0	Hach Cell	11/29/00	16:25	C. Fenton	22423						
		01GR 341	FTR	12/09/00	12:16	C. Fenton	1.24	0	Hach Cell	12/09/00	12:18	C. Fenton	22423						
6		01GR223	FTR	12/14/00	16:31	C. Fenton	41.70	0	Hach Cell	12/14/00	16:32	C. Fenton	22423						
10		01IS0029	FTR	Dump 2		ISCO			ISCO										
10		01IS0033	FTR			ISCO			ISCO										
10		01IS0032	FTR			ISCO			ISCO										
10		01IS0026	FTR			ISCO			ISCO										
10		01IS0030	FTR			ISCO			ISCO										
10		01IS0028	FTR			ISCO			ISCO										
10		01IS0025	FTR			ISCO			ISCO										
10		01IS0008	FTR			ISCO			ISCO										
10		01IS0009	FTR			ISCO			ISCO										

Stage is measured at staff plate												
Final Filter	Sediment	Lab	Fine Sed.	Turbidity	Date	Time	Stage	Discharge	Vel. Str.	Vel.	Vel.	Comments
Weight g	Wt. Gr	Code	Mg/L	FTU	Sampled	Sampled		CFS	hi or lo	dist.	sec.	
				0.79	10/19/00	18:47	0.24					NO SSC
				0.92	10/21/00	11:15	0.37					boom in water; no SSC - discharge
				0.79	10/21/00	18:47	0.24					baseline; no ssc
				0.92	10/21/00	11:15	0.37					no ssc - discharge
				2.12	11/09/00	17:01	0.48					OBS-3 CHK; OBS-3 is 2.0 NTU; no ssc
				9.40	11/14/00	15:30	0.50					no ssc; turb #22423
					Dump 1							01FTR 01 - Bottle 1 of 7
												01 FTR 02
												01 FTR 03
												01 FTR 04
												01 FTR 05
												01 FTR 06
					Dump 1							01 FTR 07; 7 of 7
				1.81	11/18/00	14:16	0.38					OBS-3 ck 20.0; change offset - clear
				1.46	11/19/00	15:01	0.35					no ssc
				49.20	11/29/00	16:22	1.03					OBS-3 chk; change offset to 0; OBS-3 37.0 cloudy
				1.24	12/09/00	12:16	0.31					OBS- 3 IS 1.00 NTU AT 12:16
				41.70	12/14/00	16:31	1.07'					T# 22423
					Dump 2							02 FTR 01 - Bottle 1 of 22
												02 FTR 02
												02 FTR 03
												02 FTR 04
												02 FTR 05
												02 FTR 06
												02 FTR 07
												02 FTR 08
												02 FTR 09

Sign in page #	Datasheet #	Sample ID #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Date run	Turbidity Time run	Turbidity By	TUM S/N	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total	Filter ID#	Initial Filter Weight g
10		01IS0010	FTR			ISCO			ISCO										
10		01IS0011	FTR			ISCO			ISCO										
10		01IS0012	FTR			ISCO			ISCO										
11		01IS0013	FTR			ISCO			ISCO										
11		01IS0014	FTR			ISCO			ISCO										
11		01IS0015	FTR			ISCO			ISCO										
11		01IS0016	FTR			ISCO			ISCO										
11		01IS0017	FTR			ISCO			ISCO										
11		01IS0018	FTR			ISCO			ISCO										
11		01IS0019	FTR			ISCO			ISCO										
11		01IS0020	FTR			ISCO			ISCO										
11		01IS0021	FTR			ISCO			ISCO										
11		01IS0022	FTR			ISCO			ISCO										
15		01IS0027	FTR	Dump 3		ISCO			ISCO										
15		01IS0034	FTR			ISCO			ISCO										
15		01IS0035	FTR			ISCO			ISCO										
15		01IS0036	FTR			ISCO			ISCO										
15		01IS0037	FTR			ISCO			ISCO										
15		01IS0038	FTR			ISCO			ISCO										
15		01IS0039	FTR			ISCO			ISCO										
15		01IS0040	FTR			ISCO			ISCO										
15		01IS0041	FTR			ISCO			ISCO										
15		01IS0042	FTR			ISCO			ISCO										
15		01IS0043	FTR			ISCO			ISCO										
15		01IS0044	FTR			ISCO			ISCO										
16		01IS0045	FTR			ISCO			ISCO										
16		01IS0046	FTR			ISCO			ISCO										
16		01IS0047	FTR			ISCO			ISCO										
16		01IS0048	FTR			ISCO			ISCO										
16		01IS0049	FTR	Dump 3		ISCO			ISCO										
18		01GR 0233	FTR	01/11/01	12:01	C. Fenton	38.40	0	Hach Cell	01/11/01	13:43	C. Fenton	22423						
19	9	01GR0229	FTR	01/23/01	16:40	J. Roeloef	405.00	0	Hach Cell	01/24/01	09:10	C. Fenton	22441	18.3	35.6	17.3	1 1	158	0.11021
23		01IS0080	FTR	Dump 4		ISCO			ISCO										
23		01IS0106	FTR			ISCO			ISCO										

Final Filter Weight g	Sediment Wt. Gr	Lab Code	Fine Sed. Mg/L	Turbidity FTU	Date Sampled	Time Sampled	Stage	Discharge CFS	Vel. Str. hi or lo	Vel. dist.	Vel. sec.	Comments			
												02 FTR 10			
												02 FTR 11			
												02 FTR 12			
												02 FTR 13			
												02 FTR 14			
												02 FTR 15			
												02 FTR 16			
												02 FTR 17			
												02 FTR 18			
												02 FTR 19			
												02 FTR 20			
												02 FTR 21			
						Dump 2						02 FTR 22 - 22 of 22			
						Dump 3						03 FTR 01 - Bottle 1 of 17			
												03 FTR 02			
												03 FTR 03			
												03 FTR 04			
												03 FTR 05			
												03 FTR 06			
												03 FTR 07			
												03 FTR 08			
												03 FTR 09			
												03 FTR 10			
												03 FTR 11			
												03 FTR 12			
												03 FTR 13			
												03 FTR 14			
												03 FTR 15			
												03 FTR 16			
						Dump 3						03 FTR 17 - 17 of 17			
				38.40	01/11/01	12:00	1.13					no ssc			
0.11415	0.00394	0	227.8	405.00	01/23/01	16:40						OBS-3 chk Terry said OBS-3 was btw 180 and 212 ntu			
						Dump 4						04 FTR 01 - Bottle 1 of 18			
												04 FTR 02			

Sign in page #	Datasheet #	Sample ID #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Date run	Turbidity Time run	Turbidity By	TUM S/N	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total	Filter ID#	Initial Filter Weight g
23		01IS0097	FTR			ISCO			ISCO										
23		01IS0109	FTR			ISCO			ISCO										
23		01IS0117	FTR			ISCO			ISCO										
23		01IS0084	FTR			ISCO			ISCO										
23		01IS0098	FTR			ISCO			ISCO										
23		01IS0096	FTR			ISCO			ISCO										
23		01IS0093	FTR			ISCO			ISCO										
24		01IS0095	FTR			ISCO			ISCO										
24		01IS0089	FTR			ISCO			ISCO										
24		01IS0088	FTR			ISCO			ISCO										
24		01IS0081	FTR			ISCO			ISCO										
24		01IS0083	FTR			ISCO			ISCO										
24		01IS0079	FTR			ISCO			ISCO										
24		01IS0104	FTR			ISCO			ISCO										
24		01IS0113	FTR			ISCO			ISCO										
24		01IS0050	FTR	Dump 4		ISCO			ISCO										
25		01GR0226	FTR	01/27/01	10:20	RP	26.30	0	Hach Cell	01/28/01	11:46	C. Fenton							
25		01GR0522	FTR	01/27/01	10:44	C. Fenton	25.60	0	Hach Cell	01/27/01	10:55	C. Fenton							
25		01GR0522	FTR	01/27/01	10:44	C. Fenton	25.60	0	Hach Cell	01/27/01	10:55	C. Fenton							
25		01GR0517	FTR	01/27/01	10:40	KW?	25.90	0	Hach Cell	01/28/01	11:52	C. Fenton							
25		01GR0369	FTR	01/27/01	10:45	BM	25.50	0	Hach Cell	01/28/01	11:55	C. Fenton							
25		01GR0368	FTR	01/27/01	10:45	RK	26.40	0	Hach Cell	01/28/01	11:57	C. Fenton							
25		01GR0227	FTR	01/27/01	10:45	EN	25.30	0	Hach Cell	01/28/01	12:01	C. Fenton							
25		01GR0225	FTR	01/27/01	10:46	AF	25.40	0	Hach Cell	01/28/01	12:03	C. Fenton							
25		01GR0224	FTR	01/27/01	10:47	NS	25.30	0	Hach Cell	01/28/01	12:06	C. Fenton							
25		01GR0228	FTR	01/27/01	10:47	HH	25.90	0	Hach Cell	01/28/01	12:09	C. Fenton							

Final Filter Weight g	Sediment Wt. Gr	Lab Code	Fine Sed. Mg/L	Turbidity FTU	Date Sampled	Time Sampled	Stage	Discharge CFS	Vel. Str. hi or lo	Vel. dist.	Vel. sec.	Comments			
												04 FTR 03			
												04 FTR 04			
												04 FTR 05			
												04 FTR 06			
												04 FTR 07			
												04 FTR 08			
												04 FTR 09			
												04 FTR 10			
												04 FTR 11			
												04 FTR 12			
												04 FTR 13			
												04 FTR 14			
												04 FTR 15			
												04 FTR 16			
												04 FTR 17			
						Dump 4						04 FTR 18; 18 of 18			
				26.30	01/27/01	10:20	0.89			16' 10"	6.00	only 1 time; training FTR			
				25.60	01/27/01	10:44	0.89			16' 10"	6.50	training			
				25.60	01/27/01	10:44	0.89			16' 10"	6.35	training			
				25.90	01/27/01	10:40	0.89			16' 10"	6.31	training			
				25.50	01/27/01	10:45	0.89			16' 10"	6.63	only 1 time training			
				26.40	01/27/01	10:45				16' 10"	7.47	mistake distance; only one time - training			
				25.30	01/27/01	10:45				16' 10"	6.07	training			
				25.40	01/27/01	10:46	0.89			16' 10"	8.34	training			
										16' 10"	5.86	training			
										16' 10"	5.78	training			
				25.30	01/27/01	10:47	0.89			16' 10"	8.51	correlate all training bottles with dump 4 bottle 18			
										16' 10"	6.14	correlate all training bottles with dump 4 bottle 18			
										16' 10"	7.43	correlate all training bottles with dump 4 bottle 18			
				25.90	01/27/01	10:47	0.89			16' 10"	8.39	training			
										16' 10"	5.66	training			
										16' 10"	5.78	training			

Sign in page #	Datasheet #	Sample ID #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Date run	Turbidity Time run	Turbidity By	TUM S/N	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total	Filter ID#	Initial Filter Weight g
25		01GR0228	FTR	01/27/01	10:47	TC	26.50	0	Hach Cell	01/28/01	12:12	C. Fenton							
25		01GR0371	FTR	01/27/01	10:48	SK	25.30	0	Hach Cell	01/28/01	12:14	C. Fenton							
25		01GR0371	FTR	01/27/01	10:50	BL	26.80	0	Hach Cell	01/28/01	12:17	C. Fenton							
48		01IS0055	FTR	Dump 5		ISCO	14.90	0	Hach Cell	02/23/01	20:52	C. Fenton							
48		01IS0075	FTR			ISCO	18.10	0	Hach Cell	02/23/01	20:55	C. Fenton							
48		01IS0064	FTR			ISCO	26.20	0	Hach Cell	02/23/01	20:59	C. Fenton							
48		01IS0074	FTR			ISCO	8.50	0	Hach Cell	02/23/01	21:02	C. Fenton							
48		01IS0061	FTR			ISCO	4.95	0	Hach Cell	02/23/01	21:07	C. Fenton							
48		01IS0058	FTR			ISCO	4.37	0	Hach Cell	02/23/01	21:10	C. Fenton							
48		01IS0057	FTR			ISCO	6.59	0	Hach Cell	02/23/01	21:13	C. Fenton							
48		01IS0062	FTR			ISCO	5.04	0	Hach Cell	02/23/01	21:28	C. Fenton							
48		01IS0071	FTR			ISCO	4.48	0	Hach Cell	02/23/01	21:30	C. Fenton							
48		01IS0067	FTR			ISCO	4.01	0	Hach Cell	02/23/01	21:42	C. Fenton							
49		01IS0065	FTR			ISCO	4.37	0	Hach Cell	02/23/01	13:47	CF/EN							
49		01IS0063	FTR			ISCO	5.60	0	Hach Cell	02/23/01	13:49	CF/EN							
49		01IS0072	FTR			ISCO	6.84	0	Hach Cell	02/23/01	13:54	CF/EN							
49		01IS0059	FTR			ISCO	15.30	0	Hach Cell	02/23/01	13:56	CF/EN							
49		01IS0056	FTR			ISCO	45.30	0	Hach Cell	02/23/01	13:57	CF/EN							
49		01IS0070	FTR			ISCO	35.30	0	Hach Cell	02/23/01	13:58	CF/EN							
49		01IS0073	FTR			ISCO	10.80	0	Hach Cell	02/23/01	14:00	CF/EN							
49		01IS0060	FTR			ISCO	10.70	0	Hach Cell	02/23/01	14:02	CF/EN							
49		01IS0051	FTR			ISCO	9.26	0	Hach Cell	02/23/01	14:04	CF/EN							
49		01IS0052	FTR			ISCO	9.54	0	Hach Cell	02/23/01	14:06	CF/EN							
49		01IS0053	FTR	Dump 5		ISCO	8.93	0	Hach Cell	02/23/01	14:08	CF/EN							
55		01GR0230	FTR	02/15/01	14:57	C. Fenton	9.06	0	Hach Cell	02/15/01	14:58	C. Fenton	22423						
58		01GR0662	FTR	02/23/01	16:34	D. Vdyke	50.40	0	Hach Cell	03/01/01	10:56	D. Vdyke							
58		01GR0663	FTR	02/23/01	16:34	D. Vdyke	59.10	0	Hach Cell	03/01/01	11:01	D. Vdyke							
58		01GR0664	FTR	02/23/01	16:34	D. Vdyke	56.80	0	Hach Cell	03/01/01	11:02	D. Vdyke							
58		01GR0665	FTR	02/23/01	16:34	D. Vdyke	47.40	0	Hach Cell	03/01/01	11:04	D. Vdyke							
58		01GR0666	FTR	02/23/01	16:34	D. Vdyke	60.90	0	Hach Cell	03/01/01	11:05	D. Vdyke							
58		01GR0667	FTR	02/23/01	16:34	D. Vdyke	57.90	0	Hach Cell	03/01/01	11:07	D. Vdyke							
58		01GR0668	FTR	02/23/01	16:34	D. Vdyke	54.70	0	Hach Cell	03/01/01	11:10	D. Vdyke							

Final Filter Weight g	Sediment Wt. Gr	Lab Code	Fine Sed. Mg/L	Turbidity FTU	Date Sampled	Time Sampled	Stage	Discharge CFS	Vel. Str. hi or lo	Vel. dist.	Vel. sec.	Comments			
				26.50	01/27/01	10:47	0.89			16' 10"	6.80	no 100th sec. Only one time			
				25.30	01/27/01	10:48	0.89			16' 10"	6.51	training			
										16' 10"	5.31	training			
										16' 10"	6.32	training			
				26.80	01/27/01	10:50	0.89			16' 10"	8.70	no 100th sec. Only one time; training			
				14.90	Dump 5							05 FTR 01- Bottle 1 of 21			
				18.10								05 FTR 02			
				26.20								05 FTR 03			
				8.50								05 FTR 04			
				4.95								05 FTR 05			
				4.37								05 FTR 06			
				6.59								05 FTR 07			
				5.04								05 FTR 08			
				4.48								05 FTR 09			
				4.01								05 FTR 10			
				4.37								05 FTR 11			
				5.60								05 FTR 12			
				6.84								05 FTR 13			
				15.30								05 FTR 14			
				45.30								05 FTR 15			
				35.30								05 FTR 16			
				10.80								05 FTR 17			
				10.70								05 FTR 18			
				9.26								05 FTR 19			
				9.54								05 FTR 20			
				8.93	Dump 5							05 FTR 21 - 21 of 21			
				9.06	02/15/01	14:57	0.50					no ssc; OBS-3 11 NTU; OBS-3 chk			
				50.40	02/23/01	16:34	2'			4'	1.00	no ssc - Class Project ?			
				59.10	02/23/01	16:34	2'			4'	1.00	no ssc - Class Project ?			
				56.80	02/23/01	16:34	2'			4'	1.00	no ssc - Class Project ?			
				47.40	02/23/01	16:34	2'			4'	1.00	no ssc - Class Project ?			
				60.90	02/23/01	16:34	2'			4'	1.00	no ssc - Class Project ?			
				57.90	02/23/01	16:34	2'			4'	1.00	no ssc - Class Project ?			
				54.70	02/23/01	16:34	2'			4'	1.00	no ssc - Class Project ?			

Sign in page #	Datasheet #	Sample ID #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Date run	Turbidity Time run	Turbidity By	TUM S/N	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total	Filter ID#	Initial Filter Weight g
58		01GR0669	FTR	02/23/01	16:34	D. Vdyke	44.10	0	Hach Cell	03/01/01	11:11	D. Vdyke							
58		01GR0670	FTR	02/23/01	16:34	D. Vdyke	67.00	0	Hach Cell	03/01/01	11:21	D. Vdyke							
58		01GR0671	FTR	02/23/01	16:34	D. Vdyke	49.10	0	Hach Cell	03/01/01	11:22	D. Vdyke							
58		01GR0672	FTR	02/23/01	16:34	D. Vdyke	51.00	0	Hach Cell	03/01/01	11:24	D. Vdyke							
58		01GR0673	FTR	02/23/01	16:34	D. Vdyke	58.20	0	Hach Cell	03/01/01	11:25	D. Vdyke							
58		01GR0674	FTR	02/23/01	16:34	D. Vdyke	55.00	0	Hach Cell	03/01/01	11:26	D. Vdyke							
58		01GR0675	FTR	02/23/01	16:34	D. Vdyke	52.60	0	Hach Cell	03/01/01	11:27	D. Vdyke							
59		01GR0677	FTR	02/23/01	16:34	D. Vdyke	57.00	0	Hach Cell	03/01/01	11:28	D. Vdyke							
55		01GR0231	FTR	02/26/01	17:01	C. Fenton	15.20	0	Hach Cell	02/26/01	19:17	C. Fenton	22423						
64		01IS0066	FTR	Dump 6		ISCO													
64		01IS0068	FTR			ISCO													
64		01IS0031	FTR			ISCO													
64		01IS0094	FTR			ISCO													
64		01IS0076	FTR			ISCO													
64		01IS0105	FTR			ISCO													
65		01IS0092	FTR			ISCO													
65		01IS0086	FTR			ISCO													
65		01IS0099	FTR			ISCO													
65		01IS0085	FTR			ISCO													
65		01IS0116	FTR			ISCO													
65		01IS0091	FTR			ISCO													
65		01IS0090	FTR			ISCO													
65		01IS0078	FTR			ISCO													
65		01IS0110	FTR			ISCO													
65		01IS0100	FTR			ISCO													
65		01IS0115	FTR	Dump 6		ISCO													
105		01GR 0703	FTR	03/01/01	17:16	C. Fenton	11.40	0	Hach Cell	03/01/01	17:29	C. Fenton	22423						
71		01GR0627	FTR	03/12/01	16:31	C. Fenton	6.34	0	Hach Cell	03/12/01	16:35	C. Fenton	22423						
74		01IS0421	FTR	Dump 7		ISCO	12.20	0	ISCO	03/15/01	19:45	C. Fenton	22423						
74		01IS0422	FTR			ISCO	14.70	0	ISCO	03/15/01	19:48	C. Fenton	22423						
74		01IS0423	FTR			ISCO	94.90	0	ISCO	03/15/01	19:50	C. Fenton	22423						
74		01IS0424	FTR			ISCO	109.00	0	ISCO	03/15/01	19:52	C. Fenton	22423						
75		01IS0425	FTR			ISCO	286.00	0	ISCO	03/15/01	19:55	C. Fenton	22423						

Final Filter Weight g	Sediment Wt. Gr	Lab Code	Fine Sed. Mg/L	Turbidity FTU	Date Sampled	Time Sampled	Stage	Discharge CFS	Vel. Str. hi or lo	Vel. dist.	Vel. sec.	Comments			
				44.10	02/23/01	16:34	2'			4'	1.00	no ssc - Class Project ?			
				67.00	02/23/01	16:34	2'			4'	1.00	no ssc - Class Project ?			
				49.10	02/23/01	16:34	2'			4'	1.00	no ssc - Class Project ?			
				51.00	02/23/01	16:34	2'			4'	1.00	no ssc - Class Project ?			
				58.20	02/23/01	16:34	2'			4'	1.00	no ssc - Class Project ?			
				55.00	02/23/01	16:34	2'			4'	1.00	no ssc - Class Project ?			
				52.60	02/23/01	16:34	2'			4'	1.00	no ssc - Class Project ?			
				57.00	02/23/01	16:34	2'			4'	1.00	no ssc - Class Project ?			
				15.20	02/26/01	17:01	0.70					no ssc; OBS-3 17.0; OBS-3 chk			
					Dump 6							06 FTR 01 - Bottle 1 of 17			
												06 FTR 02			
												06 FTR 03			
												06 FTR 04			
												06 FTR 05			
												06 FTR 06			
												06 FTR 07			
												06 FTR 08			
												06 FTR 09			
												06 FTR 10			
												06 FTR 11			
												06 FTR 12			
												06 FTR 13			
												06 FTR 14			
												06 FTR 15			
												06 FTR 16			
					Dump 6							06 FTR 17 - 17 of 17			
				8.57	03/01/01	17:16						cleaned optics - from 13.0 ntu to 9.0 ntu at next wake up			
				6.34	03/12/01	16:31	0.48					OBS-3 9.0 NTU; no ssc			
				12.20	Dump 7							07 FTR 01 - Bottle 1 of 14			
				14.70								07 FTR 02			
				94.90								07 FTR 03			
				109.00								07 FTR 04			
				286.00								07 FTR 05			

Sign in page #	Datasheet #	Sample ID #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Date run	Turbidity Time run	Turbidity By	TUM S/N	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total	Filter ID#	Initial Filter Weight g
75		01IS0426	FTR			ISCO	275.00	0	ISCO	03/15/01	19:57	C. Fenton	22423						
75		01IS0427	FTR			ISCO	181.00	0	ISCO	03/15/01	20:00	C. Fenton	22423						
75		01IS0428	FTR			ISCO	97.20	0	ISCO	03/15/01	20:02	C. Fenton	22423						
75		01IS0429	FTR			ISCO	83.70	0	ISCO	03/15/01	20:03	C. Fenton	22423						
75		01IS0430	FTR			ISCO	62.90	0	ISCO	03/15/01	20:05	C. Fenton	22423						
75		01IS0431	FTR			ISCO	35.20	0	ISCO	03/15/01	20:07	C. Fenton	22423						
75		01IS0432	FTR			ISCO	32.30	0	ISCO	03/15/01	20:09	C. Fenton	22423						
75		01IS0433	FTR			ISCO	28.00	0	ISCO	03/15/01	20:13	C. Fenton	22423						
75		01IS0434	FTR	Dump 7		ISCO	12.80	0	ISCO	03/15/01	20:15	C. Fenton	22423						
81		01GR 0700	FTR	03/29/01	15:46	C. Fenton	18.40	0	Hach Cell	04/02/01	19:33	C. Fenton							
97		01IS 0437	FTR	Dump 8		ISCO			ISCO										
		01IS 0439	FTR			ISCO			ISCO										
		01IS 0440	FTR			ISCO			ISCO										
		01IS 0441	FTR			ISCO			ISCO										
		01IS 0442	FTR			ISCO			ISCO										
		01IS 0443	FTR			ISCO			ISCO										
		01IS 0519	FTR			ISCO			ISCO										
		01IS 0520	FTR			ISCO			ISCO										
		01IS 0521	FTR			ISCO			ISCO										
		01IS 0522	FTR			ISCO			ISCO										
		01IS 0523	FTR			ISCO			ISCO										
		01IS 0531	FTR			ISCO			ISCO										
		01IS 0535	FTR			ISCO			ISCO										
		01IS 0524	FTR			ISCO			ISCO										
		01IS 0435	FTR			ISCO			ISCO										
		01IS 0436	FTR	Dump 8		ISCO			ISCO										
112		01GR 0767	FTR	04/02/01	14:16	C. Fenton	16.40	0	Hach Cell	04/20/01	14:20	C. Fenton	22423						
107		01IS 0532	FTR	Dump 9		ISCO	19.70	0	ISCO	04/30/01	10:36	CF/EN	9614						
107		01IS 0533	FTR			ISCO	75.90	0	ISCO	04/30/01	10:40	CF/EN	9614						
107		01IS 0534	FTR			ISCO	56.40	0	ISCO	04/30/01	10:42	CF/EN	9614						
107		01IS 0536	FTR			ISCO	21.90	0	ISCO	04/30/01	10:44	CF/EN	9614						

Final Filter Weight g	Sediment Wt. Gr	Lab Code	Fine Sed. Mg/L	Turbidity FTU	Date Sampled	Time Sampled	Stage	Discharge CFS	Vel. Str. hi or lo	Vel. dist.	Vel. sec.	Comments			
				275.00								07 FTR 06			
				181.00								07 FTR 07			
				97.20								07 FTR 08			
				83.70								07 FTR 09			
				62.90								07 FTR 10			
				35.20								07 FTR 11			
				32.30								07 FTR 12			
				28.00								07 FTR 13			
				12.80								07 FTR 14; 14 of 14; add HCL after turbidity			
				18.40	03/29/01	15:46	0.61					OBS-3 Check OBS-3 is 21.0 ntu no ssc			
					Dump 8							08 FTR 01(16) - Bottle 1 of 16			
												08 FTR 02			
												08 FTR 03			
												08 FTR 04			
												08 FTR 05			
												08 FTR 06			
												08 FTR 07			
												08 FTR 08			
												08 FTR 09			
												08 FTR 10			
												08 FTR 11			
												08 FTR 12			
												08 FTR 13			
												08 FTR 14			
												08 FTR 15			
					Dump 8							08 FTR 16 - Bottle 16 of 16			
				16.40	04/20/01	14:16	0.69					OBS-3 ck no ssc			
				19.70	Dump 9							Bottle 1 of 21 - 09FTR01			
				75.90								09FTR02			
				56.40								09FTR03			
				21.90								09FTR04			

Sign in page #	Datasheet #	Sample ID #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Date run	Turbidity Time run	Turbidity By	TUM S/N	Tare Bottle Weight g	Total Bottle Weight g	Volume/ Bottle Wt.	Filter Total	Filter ID#	Initial Filter Weight g
107		01IS 0537	FTR			ISCO	19.70	0	ISCO	04/30/01	10:46	CF/EN	9614						
107		01IS 0538	FTR			ISCO	174.00	0	ISCO	04/30/01	10:48	CF/EN	9614						
107		01IS 0539	FTR			ISCO	114.00	0	ISCO	04/30/01	10:50	CF/EN	9614						
107		01IS 0540	FTR			ISCO	50.60	0	ISCO	04/30/01	10:52	CF/EN	9614						
107		01IS 0541	FTR			ISCO	21.70	0	ISCO	04/30/01	11:01	CF/EN	9614						
107		01IS 0542	FTR			ISCO	16.50	0	ISCO	04/30/01	11:02	CF/EN	9614						
107		01IS 0543	FTR			ISCO	16.80	0	ISCO	04/30/01	11:05	CF/EN	9614						
107		01IS 0592	FTR			ISCO	12.50	0	ISCO	04/30/01	11:07	CF/EN	9614						
108		01IS 0693	FTR			ISCO	9.25	0	ISCO	04/30/01	11:09	CF/EN	9614						
107		01IS 0694	FTR			ISCO	8.85	0	ISCO	04/30/01	11:11	CF/EN	9614						
107		01IS 0695	FTR			ISCO	6.19	0	ISCO	04/30/01	11:13	CF/EN	9614						
107		01IS 0438	FTR			ISCO	6.42	0	ISCO	04/30/01	11:16	CF/EN	9614						
107		01IS 0696	FTR			ISCO	6.64	0	ISCO	04/30/01	11:19	CF/EN	9614						
107		01IS 0102	FTR			ISCO	6.16	0	ISCO	04/30/01	11:20	CF/EN	9614						
107		01IS 0107	FTR			ISCO	5.90	0	ISCO	04/30/01	11:22	CF/EN	9614						
107		01IS 0103	FTR			ISCO	20.90	0	ISCO	04/30/01	11:24	CF/EN	9614						
107		01IS 0101	FTR	Dump 9		ISCO	21.90	0	ISCO	04/30/01	11:25	CF/EN	9614						
112		01GR 0767	FTR	04/20/01	14:16	C. Fenton	16.40	0	Hach Cell	04/20/01	14:20	C. Fenton	9614						

Final Filter Weight g	Sediment Wt. Gr	Lab Code	Fine Sed. Mg/L	Turbidity FTU	Date Sampled	Time Sampled	Stage	Discharge CFS	Vel. Str. hi or lo	Vel. dist.	Vel. sec.	Comments			
				19.70								09FTR05			
				174.00								09FTR06			
				114.00								09FTR07			
				50.60								09FTR08			
				21.70								09FTR09			
				16.50								09FTR10			
				16.80								09FTR11			
				12.50								09FTR12			
				9.25								09FTR13			
				8.85								09FTR14			
				6.19								09FTR15			
				6.42								09FTR16			
				6.64								09FTR17			
				6.16								09FTR18			
				5.90								09FTR19			
				20.90								09FTR20			
				21.90	Dump 9							Bottle 21 of 21 - 09FTR21			
				16.40	04/20/01	14:16						OBS-3 check no ssc			

South Fork Elk River (SFMRB) (SFELK MB)

Compiled by L. Gilliam and C. Fenton

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

Checked By C. Fenton

Hydrologic Year 01

Grab Sampling: Turbidity / Suspended Sediment Data - provisional

Salmon Forever / Sunny Brae Sediment Lab

Sign in Page #	Datasheet #	Sample ID #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Run Date	Turbidity Run Time	Turbidity By	TUM S/N	Tare Bottle Wt. Gr	Total Bottle Wt. Gr	Volume/ ml	Filter Total	Filter ID#
5		01GR 0343	SF ELK MB	12/02/00	15:30	C. Fenton	5.82	0	Hach	12/02/00	15:32	C. Fenton	22423					
22		01IS 0186	SF MRB	01/20/01	23:25	Time ISCO	4.98	0	ISCO	01/26/01		J. Noel						
22		01IS 0180	SF MRB	01/21/01	05:25	Time ISCO	4.26	0	ISCO	01/26/01		J. Noel						
22		01IS 0181	SF MRB	01/21/01	11:25	Time ISCO	5.43	0	ISCO	01/26/01		J. Noel						
22		01IS 0182	SF MRB	01/21/01	17:25	Time ISCO	4.47	0	ISCO	01/26/01		J. Noel						
22		01IS 0184	SF MRB	01/21/01	23:25	Time ISCO	4.19	0	ISCO	01/26/01		J. Noel						
22		01IS 0185	SF MRB	01/22/01	05:25	Time ISCO	4.12	0	ISCO	01/26/01		J. Noel						
22		01IS 0225	SF MRB	01/22/01	11:25	Time ISCO	3.07	0	ISCO	01/26/01		J. Noel						
22		01IS 0226	SF MRB	01/22/01	17:25	Time ISCO	3.23	0	ISCO	01/26/01		J. Noel						
22		01IS 0228	SF MRB	01/22/01	23:25	Time ISCO	3.16	0	ISCO	01/26/01		J. Noel						
26	8	01GR 0241	SF ELK MB	01/23/01	14:20	J. Noell	3.79	0	Hach Cell	01/30/01	21:28	C. Fenton	22441	18.0	37.7	19.7	1 1	146
22		01IS 0235	SF MRB	01/24/01	10:00	Time ISCO	30.40	0	ISCO	01/26/01		J. Noel						
22		01IS 0166	SF MRB	01/24/01	16:00	Time ISCO	22.60	0	ISCO	01/26/01		J. Noel						
22		01IS 0206	SF MRB	01/26/01	18:00	Time ISCO	48.30	0	ISCO	01/26/01	20:13	J. Noel						
23		01GR 0053	SF MRB	01/26/01	-	J. Noell	56.50	0	Hach Cell	01/26/01	20:14	J. Noel						
17		01GR 0053	SF ELK MB	01/26/01	-	J. Noell	56.50	0	Hach Cell	01/20/01	20:14	J. Noel						
42		01GR 0089	SFELKMRB	01/29/01	18:00	K. Wrigley	25.60	0	Hach Cell	02/14/01	20:28	D. Vdyke						
45		OIS 0283	SF MRB	02/08/01	16:30	Time ISCO	19.30	0	ISCO	02/16/01	12:00	C. Fenton	22423					
45		OIS 0284	SF MRB	02/08/01	22:30	Time ISCO	11.00	0	ISCO	02/16/01	12:00	C. Fenton	22423					
45		OIS 0285	SF MRB	02/09/01	04:30	Time ISCO	6.50	0	ISCO	02/16/01	12:00	C. Fenton	22423					
45		OIS 0286	SF MRB	02/09/01	10:30	Time ISCO	6.95	0	ISCO	02/16/01	12:00	C. Fenton	22423					
45		OIS 0287	SF MRB	02/09/01	22:30	Time ISCO	9.53	0	ISCO	02/16/01	12:00	C. Fenton	22423					
46		OIS 0288	SF MRB	02/09/01	04:30	Time ISCO	28.40	0	ISCO	02/16/01	12:00	C. Fenton	22423					
46		OIS 0289	SF MRB	02/10/01	10:30	Time ISCO	26.30	0	ISCO	02/16/01	12:00	C. Fenton	22423					

South Fork Elk River (SFMRB) (SFELK MB)													
Marcie Bohannon property 8050 Elk River Road - Humboldt County, California													
Hydrologic Year 01													
Grab Sampling: Turbidity / Suspended Sediment Data - provisional													
Salmon Forever / Sunny Brae Sediment Lab													
								Staff gage	Floating Object				
Initial Filter	Final Filter	Sediment	Lab	Total	Turbidity	Date	Time	Stage	Discharge	Vel. Str.	Vel.	Vel.	Comments
Wt. Gr	Wt. Gr	Wt. Gr	Code	Mg/L	FTU	Sampled	Sampled		CFS	hi/lo	Dist.	sec	
					5.82	12/02/00	15:30	1.05					
					4.98	01/20/01	23:25						01SFMRB01 Bottle 1 of 11
					4.26	01/21/01	05:25						2 of 11
					5.43	01/21/01	11:25						3 of 11
					4.47	01/21/01	17:25						4 of 11
					4.19	01/21/01	23:25						5 of 11
					4.12	01/22/01	05:25						6 of 11
					3.07	01/22/01	11:25						7 of 11
					3.23	01/22/01	17:25						8 of 11
					3.16	01/22/01	23:25						9 of 11
0.11296	0.11322	0.00026	0	13.2	3.79	01/23/01	14:20	0.85					drizzle isco had stopped pumping after 9 samples battery down?
					30.4	01/24/01	10:00	1.60					10 of 11 restart
					22.6	01/24/01	16:00						11 of 11
					48.3	01/26/01	18:00						
					56.5	01/26/01		4.01					clearing no rain not pumping ISCO #1 pulled
					56.5	01/26/01		4.01					
					25.6	01/29/01	18:00	2.75		hi	20'	6	0.5" rain last 24 hrs
					19.3	02/08/01	16:30	0.94					B01 OF 24 Start 2-8-01 16:30 no ssc - intake - lots of sand no ssc
					11	02/08/01	22:30						B02 no ssc
					6.5	02/09/01	04:30						B03 no ssc
					6.95	02/09/01	10:30						B04 no ssc
					9.53	02/09/01	22:30						B05 no ssc
					28.4	02/09/01	04:30						B06 no ssc
					26.3	02/10/01	10:30						B07 no ssc

Sign in Page #	Datasheet #	Sample ID #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Run Date	Turbidity Run Time	Turbidity By	TUM S/N	Tare Bottle Wt. Gr	Total Bottle Wt. Gr	Volume/ ml	Filter Total	Filter ID#
46		OIS 0290	SF MRB	02/10/01	16:30	Time ISCO	15.00	0	ISCO	02/16/01	12:00	C. Fenton	22423					
46		OIS 0291	SF MRB	02/10/01	22:30	Time ISCO	11.60	0	ISCO	02/16/01	12:00	C. Fenton	22423					
46		NO #	SF MRB	02/11/01	04:30	Time ISCO	18.90	0	ISCO	02/16/01	12:00	C. Fenton	22423					
46		OIS 0292	SF MRB	02/11/01	10:30	Time ISCO	249.00	0	ISCO	02/16/01	12:00	C. Fenton	22423					
46		OIS 0293	SF MRB	02/11/01	16:30	Time ISCO	108.00	0	ISCO	02/16/01	12:00	C. Fenton	22423					
46		OIS 0294	SF MRB	02/11/01	22:30	Time ISCO	52.10	0	ISCO	02/16/01	12:00	C. Fenton	22423					
46		OIS 0295	SF MRB	02/12/01	04:30	Time ISCO	39.50	0	ISCO	02/16/01	12:00	C. Fenton	22423					
46		OIS 0296	SF MRB	02/12/01	10:30	Time ISCO	34.40	0	ISCO	02/16/01	12:00	C. Fenton	22423					
46		OIS 0297	SF MRB	02/12/01	16:30	Time ISCO	25.50	0	ISCO	02/16/01	12:00	C. Fenton	22423					
47		OIS 0298	SF-MRB	02/12/01	22:30	Time ISCO	21.40	0	ISCO	02/16/01	12:00	C. Fenton	22423					
47		OIS 0299	SF-MRB	02/13/01	04:30	Time ISCO	21.80	0	ISCO	02/16/01	12:00	C. Fenton	22423					
47		OIS 0300	SF-MRB	02/13/01	10:30	Time ISCO		0	ISCO	02/16/01	12:00	C. Fenton	22423					
47		OIS 0301	SF-MRB	02/13/01	16:30	Time ISCO		0	ISCO	02/16/01	12:00	C. Fenton	22423					
47		OIS 0302	SF-MRB	02/13/01	22:30	Time ISCO	15.10	0	ISCO	02/16/01	12:00	C. Fenton	22423					
47		OIS 0280	SF-MRB	02/14/01	04:30	Time ISCO	15.70	0	ISCO	02/16/01	12:00	C. Fenton	22423					
47		OIS 0281	SF-MRB	02/14/01	10:30	Time ISCO	13.10	0	ISCO	02/16/01	12:00	C. Fenton	22423					
47		OIS 0282	SF-MRB	02/14/01	16:30	Time ISCO	?	0	ISCO	02/16/01	12:00	C. Fenton	22423					
53		01IS 346	SF MRB	02/16/01	13:00	Time ISCO	13.80	0	ISCO	02/24/01	13:47	C. Fenton						
53		01IS 347	SF MRB	02/16/01	19:00	Time ISCO	11.10	0	ISCO	02/24/01	13:52	C. Fenton						
53		01IS 348	SF MRB	02/17/01	01:00	Time ISCO	10.10	0	ISCO	02/24/01	13:55	C. Fenton						
53		01IS 349	SF MRB	02/17/01	07:00	Time ISCO	11.80	0	ISCO	02/24/01	13:58	C. Fenton						
53		01IS 350	SF MRB	02/17/01	13:00	Time ISCO	14.00	0	ISCO	02/24/01	14:01	C. Fenton						
53		01IS 351	SF MRB	02/17/01	19:00	Time ISCO	37.30	0	ISCO	02/24/01	14:04	C. Fenton						
53		01IS 352	SF MRB	02/18/01	01:00	Time ISCO	40.80	0	ISCO	02/24/01	14:08	C. Fenton						
53		01IS 353	SF MRB	02/18/01	07:00	Time ISCO	60.00	0	ISCO	02/24/01	14:10	C. Fenton						
53		01IS 354	SF MRB	02/18/01	13:00	Time ISCO	38.40	0	ISCO	02/24/01	14:13	C. Fenton						
53		NO #	SF MRB	02/18/01	19:00	Time ISCO	28.40	0	ISCO	02/24/01	14:18	C. Fenton						
53		01IS 311	SF MRB	02/19/01	01:00	Time ISCO	23.00	0	ISCO	02/24/01	14:20	C. Fenton						
53		01IS 310	SF MRB	02/19/01	07:00	Time ISCO	20.90	0	ISCO	02/24/01	14:22	C. Fenton						
54		01IS 0355	SF MRB	02/19/01	13:00	Time ISCO	22.50	0	ISCO	02/24/01	14:25	C. Fenton						
54		01IS 0356	SF MRB	02/19/01	19:00	Time ISCO	18.20	0	ISCO	02/24/01	14:29	C. Fenton						
54		01IS 296	SF MRB	02/20/01	01:00	Time ISCO	17.00	0	ISCO	02/24/01	14:32	C. Fenton						
54		01IS 357	SF MRB	02/20/01	07:00	Time ISCO	16.90	0	ISCO	02/24/01	14:35	C. Fenton						
54		01IS 358	SF MRB	02/20/01	13:00	Time ISCO	33.10	0	ISCO	02/24/01	14:37	C. Fenton						
54		01IS 359	SF MRB	02/20/01	19:00	Time ISCO	68.00	0	ISCO	02/24/01	14:39	C. Fenton						
54		01IS 300	SF MRB	02/21/01	01:00	Time ISCO	56.00	0	ISCO	02/24/01	14:43	C. Fenton						

Initial Filter	Final Filter	Sediment	Lab	Total	Turbidity	Date	Time	Stage	Discharge	Vel. Str.	Vel.	Vel.	Comments					
Wt. Gr	Wt. Gr	Wt. Gr	Code	Mg/L	FTU	Sampled	Sampled		CFS	hi/lo	Dist.	sec						
					15	02/10/01	16:30						B08 no ssc					
					11.6	02/10/01	22:30						B09 no ssc					
					18.9	02/11/01	04:30						B10 no ssc					
					249	02/11/01	10:30						B11 Save for ssc -hcl					
					108	02/11/01	16:30						B12 Save for ssc -hcl					
					52.1	02/11/01	22:30						B13 no ssc					
					39.5	02/12/01	04:30						B14 no ssc					
					34.4	02/12/01	10:30						B15 no ssc					
					25.5	02/12/01	16:30						B16 no ssc					
					21.4	02/12/01	22:30						B17 no ssc					
					21.8	02/13/01	04:30						B18 no ssc					
						02/13/01	10:30						B19 no ssc empty					
						02/13/01	16:30						B20 no ssc organics					
					15.1	02/13/01	22:30						B21 no ssc					
					15.7	02/14/01	04:30						B22 no ssc					
					13.1	02/14/01	10:30						B23 no ssc					
					?	02/14/01	16:30						B24 no ssc					
					13.8	02/16/01	13:00						B01 of 24 Start 2-16-01 13:00 no ssc					
					11.1	02/16/01	19:00						B02 no ssc					
					10.1	02/17/01	01:00						B03 no ssc					
					11.8	02/17/01	07:00						B04 no ssc					
					14	02/17/01	13:00						B05 no ssc					
					37.3	02/17/01	19:00						B06					
					40.8	02/18/01	01:00						B07 no ssc					
					60	02/18/01	07:00						B08					
					38.4	02/18/01	13:00						B09 no ssc					
					28.4	02/18/01	19:00						B10 no ssc					
					23	02/19/01	01:00						B11 no ssc					
					20.9	02/19/01	07:00						B12 no ssc					
					22.5	02/19/01	13:00						B 13 no ssc					
					18.2	02/19/01	19:00						B14 no ssc					
					17	02/20/01	01:00						B15 no ssc					
					16.9	02/20/01	07:00						B16 no ssc					
					33.1	02/20/01	13:00						B17 no ssc					
					68	02/20/01	19:00						B18					
					56	02/21/01	01:00						B19					

Sign in Page #	Datasheet #	Sample ID #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Run Date	Turbidity Run Time	Turbidity By	TUM S/N	Tare Bottle Wt. Gr	Total Bottle Wt. Gr	Volume/ ml	Filter Total	Filter ID#
54		01IS 360	SF MRB	02/21/01	07:00	Time ISCO	40.00	0	ISCO	02/24/01	14:47	C. Fenton						
54		01IS 361	SF MRB	02/21/01	13:00	Time ISCO	67.50	0	ISCO	02/24/01	14:51	C. Fenton						
54		01IS 362	SF MRB	02/21/01	19:00	Time ISCO	68.60	0	ISCO	02/24/01	14:53	C. Fenton						
54		01IS 281	SF MRB	02/22/01	01:00	Time ISCO	257.00	0	ISCO	02/24/01	14:56	C. Fenton						
54		01IS 282	SF MRB	02/22/01	07:00	Time ISCO	458.00	0	ISCO	02/24/01	15:01	C. Fenton						
66		01IS 0397	SFMRB	02/24/01	12:00	Time ISCO	38.10	0	ISCO	03/05/01	22:23	C. Fenton						
66		01IS 0319	SFMRB	02/24/01	15:00	Time ISCO	30.90	0	ISCO	03/05/01	22:28	C. Fenton						
66		01IS 0317	SFMRB	02/24/01	18:00	Time ISCO	31.40	0	ISCO	03/05/01	22:31	C. Fenton						
66		01IS 0315	SFMRB	02/24/01	21:00	Time ISCO	29.00	0	ISCO	03/05/01	22:33	C. Fenton						
66		01IS 0314	SFMRB	02/24/01	00:00	Time ISCO	31.30	0	ISCO	03/05/01	22:35	C. Fenton						
66		None	SFMRB	02/25/01	03:00	Time ISCO	29.30	0	ISCO	03/05/01	22:39	C. Fenton						
66		01IS 0313	SFMRB	02/25/01	06:00	Time ISCO	27.30	0	ISCO	03/05/01	22:41	C. Fenton						
66		None	SFMRB	02/25/01	09:00	Time ISCO	26.50	0	ISCO	03/05/01	22:43	C. Fenton						
66		01IS 0312	SFMRB	02/25/01	12:00	Time ISCO	23.90	0	ISCO	03/05/01	22:47	C. Fenton						
66		01IS 0304	SFMRB	02/25/01	15:00	Time ISCO	21.80	0	ISCO	03/05/01	22:48	C. Fenton						
66		01IS 0303	SFMRB	02/25/01	18:00	Time ISCO	21.80	0	ISCO	03/05/01	22:49	C. Fenton						
66		01IS 0305	SFMRB	02/25/01	21:00	Time ISCO	21.80	0	ISCO	03/05/01	22:52	C. Fenton						
67		01IS 0306	SFMRB	02/25/01	00:00	Time ISCO	24.60	0	ISCO	03/05/01	22:55	C. Fenton						
67		01IS 0307	SFMRB	02/26/01	03:00	Time ISCO	22.30	0	ISCO	03/05/01	22:57	C. Fenton						
67		01IS 0308	SFMRB	02/26/01	06:00	Time ISCO	21.00	0	ISCO	03/05/01	22:59	C. Fenton						
67		01IS 0309	SFMRB	02/26/01	09:00	Time ISCO	20.60	0	ISCO	03/05/01	23:01	C. Fenton						
67		01IS 0396	SFMRB	02/26/01	12:00	Time ISCO	19.60	0	ISCO	03/05/01	23:03	C. Fenton						
67		01IS 0320	SFMRB	02/26/01	15:00	Time ISCO	18.00	0	ISCO	03/05/01	23:05	C. Fenton						
67		01IS 0316	SFMRB	02/26/01	18:00	Time ISCO	17.00	0	ISCO	03/05/01	23:06	C. Fenton						
67		01IS 0318	SFMRB	02/26/01	21:00	Time ISCO	29.40	0	ISCO	03/05/01	23:08	C. Fenton						
67		01IS 0398	SFMRB	03/01/01	13:00	Time ISCO	9.05	0	ISCO	03/06/01	18:32	C. Fenton						
59		01GR 0704	SFMRB	03/01/01	13:05	C. Fenton	11.10	0	Hach Cell	03/01/01	17:31	C. Fenton						
67		01IS 0399	SFMRB	03/01/01	16:00	Time ISCO	16.30	0	ISCO	03/06/01	18:34	C. Fenton						
67		01IS 0402	SFMRB	03/01/01	19:00	Time ISCO	9.28	0	ISCO	03/06/01	18:38	C. Fenton						
67		01IS 0404	SFMRB	03/01/01	22:00	Time ISCO	9.53	0	ISCO	03/06/01	18:40	C. Fenton						
68		01IS 0407	SFMRB	03/02/01	01:00	Time ISCO	10.40	0	ISCO	03/06/01	18:48	C. Fenton						
68		01IS 0408	SFMRB	03/02/01	04:00	Time ISCO	11.60	0	ISCO	03/06/01	18:50	C. Fenton						
68		01IS 0411	SFMRB	03/02/01	07:00	Time ISCO	10.80	0	ISCO	03/06/01	18:52	C. Fenton						
68		01IS0412	SFMRB	03/02/01	10:00	Time ISCO	10.90	0	ISCO	03/06/01	18:55	C. Fenton						
68		01IS0413	SFMRB	03/02/01	13:00	Time ISCO	12.30	0	ISCO	03/06/01	18:57	C. Fenton						

Initial Filter Wt. Gr	Final Filter Wt. Gr	Sediment Wt. Gr	Lab Code	Total Mg/L	Turbidity FTU	Date Sampled	Time Sampled	Stage	Discharge CFS	Vel. Str. hi/lo	Vel. Dist.	Vel. sec	Comments					
					40	02/21/01	07:00						B20					
					67.5	02/21/01	13:00						B21					
					68.6	02/21/01	19:00						B22					
					257	02/22/01	01:00						B23					
					458	02/22/01	07:00						B24 of 24					
					38.1	02/24/01	12:00	3.39					B01 Start 2-24-00 12:00 180 Min. Interval					
					30.9	02/24/01	15:00						B02					
					31.4	02/24/01	18:00						B03					
					29.0	02/24/01	21:00						B04 no ssc					
					31.3	02/24/01	00:00						B05 no ssc					
					29.3	02/25/01	03:00						B06 no ssc					
					27.3	02/25/01	06:00						B07 no ssc					
					26.5	02/25/01	09:00						B08 no ssc					
					23.9	02/25/01	12:00						B09 no ssc					
					21.8	02/25/01	15:00						B10 no ssc					
					21.8	02/25/01	18:00						B11 no ssc					
					24.6	02/25/01	21:00						B12 no ssc					
					22.3	02/25/01	00:00						B13					
					21.0	02/26/01	03:00						B14 no ssc					
					20.6	02/26/01	06:00						B15 no ssc					
					19.6	02/26/01	09:00						B16 no ssc					
					18.0	02/26/01	12:00						B17 no ssc					
					17.0	02/26/01	15:00						B18 no ssc					
					29.4	02/26/01	18:00						B19 no ssc					
					20.7	02/26/01	21:00						B20 no ssc Bottles 21-22-23-24 empty					
					9.05	03/01/01	13:00	1.58					B01 Start isco at 3-1-01 at 13:00 180 min. interval new intake no ssc					
					11.10	03/01/01	13:05	1.58					no ssc					
					16.3	03/01/01	16:00						B02 no ssc					
					9.28	03/01/01	19:00						B03 no ssc					
					9.53	03/01/01	22:00						B04 no ssc					
					10.40	03/02/01	01:00						B05 no ssc					
					11.60	03/02/01	04:00						B06					
					10.80	03/02/01	07:00						B07 no ssc					
					10.90	03/02/01	10:00						B08 no ssc					
					12.30	03/02/01	13:00						B09 no ssc					

68		01IS 0414	SFMRB	03/02/01	16:00	Time ISCO	13.00	0	ISCO	03/06/01	18:59	C. Fenton						
Sign in	Datasheet	Sample	Location	Date	Time	Sampled	Turbidity	Tur.	Container	Turbidity	Turbidity	Turbidity	TUM	Tare Bottle	Total Bottle	Volume/	Filter	Filter
Page #	#	ID #	Sampled	Sampled	Sampled	By	FTU	Code	Type	Run Date	Run Time	By	S/N	Wt. Gr	Wt. Gr	ml	Total	ID#
68		01IS 0400	SFMRB	03/02/01	19:00	Time ISCO	16.10	0	ISCO	03/06/01	19:01	C. Fenton						
68		01IS 0401	SFMRB	03/02/01	22:00	Time ISCO	15.10	0	ISCO	03/06/01	19:03	C. Fenton						
68		01IS 0403	SFMRB	03/03/01	01:00	Time ISCO	14.70	0	ISCO	03/06/01	19:06	C. Fenton						
68		01IS 0405	SFMRB	03/03/01	04:00	Time ISCO	15.20	0	ISCO	03/06/01	19:08	C. Fenton						
68		01IS 0406	SFMRB	03/03/01	07:00	Time ISCO	15.30	0	ISCO	03/06/01	19:10	C. Fenton						
68		01IS 0409	SFMRB	03/03/01	10:00	Time ISCO	13.50	0	ISCO	03/06/01	19:12	C. Fenton						
69		01IS 0410	SFMRB	03/03/01	13:00	Time ISCO	21.10	0	ISCO	03/06/01	19:15	C. Fenton						
69		01IS 0415	SFMRB	03/03/01	16:00	Time ISCO	12.40	0	ISCO	03/06/01	19:17	C. Fenton						
69		01IS 416	SFMRB	03/03/01	19:00	Time ISCO	11.80	0	ISCO	03/06/01	19:19	C. Fenton						
69		01IS 0418	SFMRB	03/03/01	22:00	Time ISCO	12.20	0	ISCO	03/06/01	19:21	C. Fenton						
69		01IS 0420	SFMRB	03/04/01	01:00	Time ISCO	11.80	0	ISCO	03/06/01	19:23	C. Fenton						
69		01IS 0388	SFMRB	03/04/01	04:00	Time ISCO	14.80	0	ISCO	03/06/01	19:25	C. Fenton						
69		01IS 0393	SFMRB	03/04/01	07:00	Time ISCO	33.80	0	ISCO	03/06/01	19:27	C. Fenton						
69		01IS 0419	SFMRB	03/04/01	10:00	Time ISCO	53.20	0	ISCO	03/06/01	19:29	C. Fenton						
61		01GR 0616	SFMRB	03/01/01	16:00	R. Kraus	13.00	0	Hach Cell	03/04/01	22:07	C. Fenton						
60		01GR 0739	SFMRB	03/04/01	16:00	C. Fenton	217.00	0	Hach Cell	03/04/01	21:47	C. Fenton	22423					
71		01IS 0471	SFMRB	03/04/01	16:00	Time ISCO	219.00	0	ISCO	03/12/01	18:01	C. Fenton	22423					
71		01IS 0472	SFMRB	03/04/01	19:00	Time ISCO	153.00	0	ISCO	03/12/01	18:03	C. Fenton	22423					
71		01IS 0473	SFMRB	03/04/01	22:00	Time ISCO	489.00	0	ISCO	03/12/01	18:05	C. Fenton	22423					
71		01IS 0474	SFMRB	03/05/01	01:00	Time ISCO	279.00	0	ISCO	03/12/01	18:07	C. Fenton	22423					
72		01IS 0469	SFMRB	03/05/01	04:00	Time ISCO	155.00	0	ISCO	03/12/01	18:09	C. Fenton	22423					
72		01IS 0475	SFMRB	03/05/01	07:00	Time ISCO	104.00	0	ISCO	03/12/01	18:12	C. Fenton	22423					
72		01IS 0476	SFMRB	03/05/01	10:00	Time ISCO	77.20	0	ISCO	03/12/01	18:14	C. Fenton	22423					
72		01IS 0477	SFMRB	03/05/01	13:00	Time ISCO	66.40	0	ISCO	03/12/01	18:16	C. Fenton	22423					
72		01IS 0478	SFMRB	03/05/01	16:00	Time ISCO	55.00	0	ISCO	03/12/01	18:18	C. Fenton	22423					
72		01IS 0479	SFMRB	03/05/01	19:00	Time ISCO	45.40	0	ISCO	03/12/01	18:21	C. Fenton	22423					
72		01IS 0480	SFMRB	03/05/01	22:00	Time ISCO	42.50	0	ISCO	03/12/01	18:25	C. Fenton	22423					
72		01IS 0481	SFMRB	03/06/01	01:00	Time ISCO	37.30	0	ISCO	03/12/01	18:27	C. Fenton	22423					
72		01IS 0482	SFMRB	03/06/01	04:00	Time ISCO	30.20	0	ISCO	03/12/01	18:30	C. Fenton	22423					
72		01IS 0483	SFMRB	03/06/01	07:00	Time ISCO	31.70	0	ISCO	03/12/01	18:32	C. Fenton	22423					
72		01IS 0484	SFMRB	03/06/01	10:00	Time ISCO	30.40	0	ISCO	03/12/01	18:35	C. Fenton	22423					
72		01IS 0485	SFMRB	03/06/01	13:00	Time ISCO	25.80	0	ISCO	03/12/01	18:37	C. Fenton	22423					
73		01IS 0486	SFMRB	03/06/01	16:00	Time ISCO	23.50	0	ISCO	03/12/01	18:40	C. Fenton	22423					

Initial Filter	Final Filter	Sediment	Lab	Total	13.00	03/02/01	16:00	Stage	Discharge	Vel. Str.	Vel.	Vel.	B10 no ssc
Wt. Gr	Wt. Gr	Wt. Gr	Code	Mg/L	Turbidity	Date	Time		CFS	hi/lo	Dist.	sec	Comments
					FTU	Sampled	Sampled						
					16.10	03/02/01	19:00						B11 no ssc
					15.10	03/02/01	22:00						B12 no ssc
					14.70	03/03/01	01:00						B13
					15.20	03/03/01	04:00						B14 no ssc
					15.30	03/03/01	07:00						B15 no ssc
					13.50	03/03/01	10:00						B16 no ssc
					21.10	03/03/01	13:00						B17 Ralph says timer working good
					12.40	03/03/01	16:00						B18 no ssc
					11.80	03/03/01	19:00						B19 no ssc
					12.20	03/03/01	22:00						B20 no ssc
					11.80	03/04/01	01:00						B21 no ssc
					14.80	03/04/01	04:00						B22 no ssc
					33.80	03/04/01	07:00						B23
					53.20	03/04/01	10:00	2.54					B24 rising Stage at 13:00 3.51 at 16:00 4.45
					13	03/01/01	16:00	1.58					overcast
					217	03/04/01	16:00	4.45					Start isco at 16:00 180 min interval
					219	03/04/01	16:00	4.45					B01 start isco rising 180 min interval
					153.00	03/04/01	19:00						B02
					489.00	03/04/01	22:00						B03
					279.00	03/05/01	01:00						B04
					155.00	03/05/01	04:00						B05
					104.00	03/05/01	07:00						B06
					77.20	03/05/01	10:00						B07
					66.40	03/05/01	13:00						B08
					55.00	03/05/01	16:00						B09
					45.40	03/05/01	19:00						B10
					42.50	03/05/01	22:00						B11
					37.30	03/06/01	01:00						B12
					30.20	03/06/01	04:00						B13
					31.70	03/06/01	07:00						B14
					30.40	03/06/01	10:00						B15
					25.80	03/06/01	13:00						B16
					23.50	03/06/01	16:00						B17

Sign in Page #	Datasheet #	Sample ID #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Run Date	Turbidity Run Time	Turbidity By	TUM S/N	Tare Bottle Wt. Gr	Total Bottle Wt. Gr	Volume/ ml	Filter Total	Filter ID#
73		01IS 0487	SFMRB	03/06/01	19:00	Time ISCO	24.90	0	ISCO	03/12/01	18:42	C. Fenton	22423					
73		01IS 0488	SFMRB	03/06/01	22:00	Time ISCO	25.50	0	ISCO	03/12/01	18:45	C. Fenton	22423					
73		01IS 0470	SFMRB	03/07/01	01:00	Time ISCO	22.90	0	ISCO	03/12/01	18:47	C. Fenton	22423					
73		01IS 0387	SFMRB	03/07/01	04:00	Time ISCO	21.00	0	ISCO	03/12/01	18:49	C. Fenton	22423					
73		01IS 0450	SFMRB	03/07/01	07:00	Time ISCO	20.70	0	ISCO	03/12/01	18:52	C. Fenton	22423					
73		01IS 0444	SFMRB	03/07/01	10:00	Time ISCO	19.60	0	ISCO	03/12/01	18:55	C. Fenton	22423					
73		01IS 0451	SFMRB	03/07/01	13:00	Time ISCO	18.10	0	ISCO	03/12/01	18:57	C. Fenton	22423					
71		01GR 0805	SFMRB	03/11/01	12:29	C. Fenton	8.51	0	Hach Cell	03/11/01	14:40	C. Fenton	22423					
81		01IS 0505	SFMRB	03/24/01	16:30	Time ISCO	6.85	0	ISCO	04/02/01	19:50	C. Fenton						
		01IS 0506	SFMRB	03/24/01	19:30	Time ISCO	7.75	0	ISCO	04/02/01	19:55	C. Fenton						
		01IS 0507	SFMRB	03/24/01	22:30	Time ISCO	15.60	0	ISCO	04/02/01	19:57	C. Fenton						
		01IS 0508	SFMRB	03/25/01	01:30	Time ISCO	24.60	0	ISCO	04/02/01	20:00	C. Fenton						
		01IS 0509	SFMRB	03/25/01	04:30	Time ISCO	73.00	0	ISCO	04/02/01	20:02	C. Fenton						
		01IS 0498	SFMRB	03/25/01	07:30	Time ISCO	60.20	0	ISCO	04/02/01	20:05	C. Fenton						
		01IS 0497	SFMRB	03/25/01	10:30	Time ISCO	64.90	0	ISCO	04/02/01	20:08	C. Fenton						
		01IS 0496	SFMRB	03/25/01	13:30	Time ISCO	46.30	0	ISCO	04/02/01	20:11	C. Fenton						
		01IS 0511	SFMRB	03/25/01	16:30	Time ISCO	35.60	0	ISCO	04/02/01	20:13	C. Fenton						
		01IS 0495	SFMRB	03/25/01	19:30	Time ISCO	29.60	0	ISCO	04/02/01	20:17	C. Fenton						
		01IS 0494	SFMRB	03/25/01	22:30	Time ISCO	25.60	0	ISCO	04/02/01	20:25	C. Fenton						
		01IS 0492	SFMRB	03/26/01	01:30	Time ISCO	21.90	0	ISCO	04/02/01	20:28	C. Fenton						
		01IS 0491	SFMRB	03/26/01	04:30	Time ISCO	19.70	0	ISCO	04/02/01	20:30	C. Fenton						
		01IS 0493	SFMRB	03/26/01	07:30	Time ISCO	16.70	0	ISCO	04/02/01	20:32	C. Fenton						
		01IS 0489	SFMRB	03/26/01	10:30	Time ISCO	14.70	0	ISCO	04/02/01	20:33	C. Fenton						
		01IS 0490	SFMRB	03/26/01	13:30	Time ISCO	13.50	0	ISCO	04/02/01	20:35	C. Fenton						
		01IS 0448	SFMRB	03/26/01	16:30	Time ISCO	12.60	0	ISCO	04/02/01	20:37	C. Fenton						
		01IS 0499	SFMRB	03/26/01	19:30	Time ISCO	16.30	0	ISCO	04/02/01	20:40	C. Fenton						
		01IS 0500	SFMRB	03/26/01	22:30	Time ISCO	11.90	0	ISCO	04/02/01	20:42	C. Fenton						
		01IS 0501	SFMRB	03/27/01	01:30	Time ISCO	12.40	0	ISCO	04/02/01	20:43	C. Fenton						
		01IS 0510	SFMRB	03/27/01	04:30	Time ISCO	11.20	0	ISCO	04/02/01	20:46	C. Fenton						
		01IS 0502	SFMRB	03/27/01	07:30	Time ISCO	9.85	0	ISCO	04/02/01	20:49	C. Fenton						
		01IS 0503	SFMRB	03/27/01	10:30	Time ISCO	8.77	0	ISCO	04/02/01	20:51	C. Fenton						
		01IS 0504	SFMRB	03/27/01	13:30	Time ISCO	8.88	0	ISCO	04/02/01	20:54	C. Fenton						
81		01GR 0622	SFMRB	04/02/01	14:00	C. Fenton	8.23	0	Hach Cell	04/02/01	19:30	C. Fenton	22423					

Initial Filter Wt. Gr	Final Filter Wt. Gr	Sediment Wt. Gr	Lab Code	Total Mg/L	Turbidity FTU	Date Sampled	Time Sampled	Stage	Discharge CFS	Vel. Str. hi/lo	Vel. Dist.	Vel. sec	Comments					
					24.90	03/06/01	19:00						B18					
					25.50	03/06/01	22:00						B19					
					22.90	03/07/01	01:00						B20					
					21.00	03/07/01	04:00						B21					
					20.70	03/07/01	07:00						B22					
					19.60	03/07/01	10:00						B23					
					18.10	03/07/01	13:00						B24					
					8.51	03/11/01	12:29	1.46					No ssc w/ discharge					
					6.85	03/24/01	16:30	0.97					B01 3 hour interval					
					7.75	03/24/01	19:30						B02 no ssc					
					15.60	03/24/01	22:30						B03					
					24.60	03/25/01	01:30						B04					
					73.00	03/25/01	04:30						B05					
					60.20	03/25/01	07:30						B06					
					64.90	03/25/01	10:30						B07 no ssc					
					46.30	03/25/01	13:30						B08					
					35.60	03/25/01	16:30						B09					
					29.60	03/25/01	19:30						B10 no ssc					
					25.60	03/25/01	22:30						B11 no ssc					
					21.90	03/26/01	01:30						B12 no ssc					
					19.70	03/26/01	04:30						B13 no ssc					
					16.70	03/26/01	07:30						B14 no ssc					
					14.70	03/26/01	10:30						B15 no ssc					
					13.50	03/26/01	13:30						B 16 no ssc					
					12.60	03/26/01	16:30						B17 no ssc					
					16.30	03/26/01	19:30						B18 no ssc					
					11.90	03/26/01	22:30						B19 no ssc					
					12.40	03/27/01	01:30						B20 no ssc					
					11.20	03/27/01	04:30						B21 no ssc					
					9.85	03/27/01	07:30						B22 no ssc					
					8.77	03/27/01	10:30						B23 no ssc					
					8.88	03/27/01	13:30						B24					
					8.23	04/02/01	14:00	1.31					ISCO start at 14:00 no ssc w/dischARGE					

99		01IS 0656	SFMRB	04/02/01	14:00	Time ISCO	7.66	0	ISCO	04/18/01	21:00	C. Fenton	22423					
Sign in	Datasheet	Sample	Location	Date	Time	Sampled	Turbidity	Tur.	Container	Turbidity	Turbidity	Turbidity	TUM	Tare Bottle	Total Bottle	Volume/	Filter	Filter
Page #	#	ID #	Sampled	Sampled	Sampled	By	FTU	Code	Type	Run Date	Run Time	By	S/N	Wt. Gr	Wt. Gr	ml	Total	ID#
99		01IS.0657	SFMRB	04/02/01	17:00	Time ISCO	10.20	0	ISCO	04/18/01	21:03	C. Fenton	22423					
99		01IS 0658	SFMRB	04/02/01	20:00	Time ISCO	12.70	0	ISCO	04/18/01	21:04	C. Fenton	22423					
99		01IS 0659	SFMRB	04/02/01	23:00	Time ISCO	10.30	0	ISCO	04/18/01	21:06	C. Fenton	22423					
99		01IS 0660	SFMRB	04/03/01	02:00	Time ISCO	11.50	0	ISCO	04/18/01	21:08	C. Fenton	22423					
99		01IS 0661	SFMRB	04/03/01	05:00	Time ISCO	10.00	0	ISCO	04/18/01	21:10	C. Fenton	22423					
99		01IS 0662	SFMRB	04/03/01	08:00	Time ISCO	9.84	0	ISCO	04/18/01	21:14	C. Fenton	22423					
99		01IS 0663	SFMRB	04/03/01	11:00	Time ISCO	9.21	0	ISCO	04/18/01	21:16	C. Fenton	22423					
99		01IS 0664	SFMRB	04/03/01	14:00	Time ISCO	9.54	0	ISCO	04/18/01	21:18	C. Fenton	22423					
99		01IS 0665	SFMRB	04/03/01	17:00	Time ISCO	7.71	0	ISCO	04/18/01	21:20	C. Fenton	22423					
99		01IS 0666	SFMRB	04/03/01	20:00	Time ISCO	9.31	0	ISCO	04/18/01	21:22	C. Fenton	22423					
99		01IS 0667	SFMRB	04/03/01	23:00	Time ISCO	8.83	0	ISCO	04/18/01	21:24	C. Fenton	22423					
100		01IS 0668	SFMRB	04/04/01	02:00	Time ISCO	8.75	0	ISCO	04/18/01	21:26	C. Fenton	22423					
100		01IS 0669	SFMRB	04/04/01	05:00	Time ISCO	9.26	0	ISCO	04/18/01	21:29	C. Fenton	22423					
100		01IS 0670	SFMRB	04/04/01	08:00	Time ISCO	7.77	0	ISCO	04/18/01	21:31	C. Fenton	22423					
100		01IS 0671	SFMRB	04/04/01	11:00	Time ISCO	6.96	0	ISCO	04/18/01	21:33	C. Fenton	22423					
100		01IS 0672	SFMRB	04/04/01	14:00	Time ISCO	7.10	0	ISCO	04/18/01	21:35	C. Fenton	22423					
100		01IS 0673	SFMRB	04/04/01	17:00	Time ISCO	7.12	0	ISCO	04/18/01	21:37	C. Fenton	22423					
100		01IS 0674	SFMRB	04/04/01	20:00	Time ISCO	8.34	0	ISCO	04/18/01	21:42	C. Fenton	22423					
100		01IS 0675	SFMRB	04/04/01	23:00	Time ISCO	8.50	0	ISCO	04/18/01	21:44	C. Fenton	22423					
100		01IS 0600	SFMRB	04/05/01	02:00	Time ISCO	8.42	0	ISCO	04/18/01	21:46	C. Fenton	22423					
100		01IS 0601	SFMRB	04/05/01	05:00	Time ISCO	8.06	0	ISCO	04/18/01	21:48	C. Fenton	22423					
100		01IS 0602	SFMRB	04/05/01	08:00	Time ISCO	6.86	0	ISCO	04/18/01	21:50	C. Fenton	22423					
100		01IS 0603	SFMRB	04/05/01	11:00	Time ISCO	6.75	0	ISCO	04/18/01	21:52	C. Fenton	22423					
92		01IS 0604	SFMRB	04/06/01	13:30	Time ISCO	5.90	0	ISCO	04/30/01	11:34	CF/EN	9614					
92		01IS 0605	SFMRB	04/06/01	16:30	Time ISCO	7.81	0	ISCO	04/30/01	11:38	CF/EN	9614					
92		01IS 0609	SFMRB	04/06/01	19:30	Time ISCO	7.80	0	ISCO	04/30/01	11:46	CF/EN	9614					
92		01IS 0610	SFMRB	04/06/01	22:30	Time ISCO	120.00	0	ISCO	04/30/01	11:50	CF/EN	9614					
92		01IS 0612	SFMRB	04/07/01	01:30	Time ISCO	112.00	0	ISCO	04/30/01	11:51	CF/EN	9614					
92		01IS 0613	SFMRB	04/07/01	04:30	Time ISCO	87.30	0	ISCO	04/30/01	11:52	CF/EN	9614					
92		01IS 0614	SFMRB	04/07/01	07:30	Time ISCO	61.20	0	ISCO	04/30/01	11:54	CF/EN	9614					
92		01IS 0615	SFMRB	04/07/01	10:30	Time ISCO	24.70	0	ISCO	04/30/01	11:56	CF/EN	9614					
93		01IS 0676	SFMRB	04/07/01	13:30	Time ISCO	28.90	0	ISCO	04/30/01	11:57	CF/EN	9614					
93		01IS 0677	SFMRB	04/07/01	16:30	Time ISCO	36.70	0	ISCO	04/30/01	11:58	CF/EN	9614					
93		01IS 0678	SFMRB	04/07/01	19:30	Time ISCO	22.70	0	ISCO	04/30/01	12:01	CF/EN	9614					

Initial Filter Wt. Gr	Final Filter Wt. Gr	Sediment Wt. Gr	Lab Code	Total Mg/L	Turbidity FTU	Date Sampled	Time Sampled	Stage	Discharge CFS	Vel. Str. hi/lo	Vel. Dist.	Vel. sec	Comments
					7.66	04/02/01	14:00	1.31					B01 180 min. interval no ssc
					10.20	04/02/01	17:00						B02 no ssc
					12.70	04/02/01	20:00						B03 no ssc
					10.30	04/02/01	23:00						B04 no ssc
					11.50	04/03/01	02:00						B05
					10.00	04/03/01	05:00						B06 no ssc
					9.84	04/03/01	08:00						B07 no ssc
					9.21	04/03/01	11:00						B08 no ssc
					9.54	04/03/01	14:00						B09 no ssc
					7.71	04/03/01	17:00						B10 no ssc
					9.31	04/03/01	20:00						B11 no ssc
					8.83	04/03/01	23:00						B12 no ssc
					8.75	04/04/01	02:00						B13 no ssc
					9.26	04/04/01	05:00						B 14 no ssc
					7.77	04/04/01	08:00						B15 no ssc
					6.96	04/04/01	11:00						B16 no ssc
					7.10	04/04/01	14:00						B17 no ssc
					7.12	04/04/01	17:00						B18 no ssc
					8.34	04/04/01	20:00						B19 no ssc
					8.50	04/04/01	23:00						B20 no ssc
					8.42	04/05/01	02:00						B21 no ssc
					8.06	04/05/01	05:00						B22 no ssc
					6.86	04/05/01	08:00						B23 no ssc
					6.75	04/05/01	11:00						B24 no ssc
					5.90	04/06/01	13:30	1.29					Bottle 1 of 24 - 180 min. interval by cf no ssc - organics
					7.81	04/06/01	16:30						B02 no ssc
					7.80	04/06/01	19:30						B03 no ssc
					120.00	04/06/01	22:30						B04 no ssc
					112.00	04/07/01	01:30						B05 no ssc
					87.30	04/07/01	04:30						B06 no ssc
					61.20	04/07/01	07:30						B07
					24.70	04/07/01	10:30						B08 no ssc
					28.90	04/07/01	13:30						B09
					36.70	04/07/01	16:30						B10
					22.70	04/07/01	19:30						B11 no ssc

Sign in Page #	Datasheet #	Sample ID #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Run Date	Turbidity Run Time	Turbidity By	TUM S/N	Tare Bottle Wt. Gr	Total Bottle Wt. Gr	Volume/ ml	Filter Total	Filter ID#
93		01IS 0679	SFMRB	04/07/01	22:30	Time ISCO	28.40	0	ISCO	04/30/01	12:06	CF/EN	9614					
93		01IS 0680	SFMRB	04/08/01	01:30	Time ISCO	15.70	0	ISCO	04/30/01	12:08	CF/EN	9614					
93		01IS 0681	SFMRB	04/08/01	04:30	Time ISCO	18.20	0	ISCO	04/30/01	12:10	CF/EN	9614					
93		01IS 0682	SFMRB	04/08/01	07:30	Time ISCO	18.20	0	ISCO	04/30/01	12:11	CF/EN	9614					
93		01IS 0683	SFMRB	04/08/01	10:30	Time ISCO	15.90	0	ISCO	04/30/01	12:15	CF/EN	9614					
93		01IS 0684	SFMRB	04/08/01	13:30	Time ISCO	12.50	0	ISCO	04/30/01	12:17	CF/EN	9614					
93		01IS 0685	SFMRB	04/08/01	16:30	Time ISCO	9.64	0	ISCO	04/30/01	12:19	CF/EN	9614					
93		01IS 0686	SFMRB	04/08/01	19:30	Time ISCO	9.02	0	ISCO	04/30/01	12:20	CF/EN	9614					
93		01IS 0687	SFMRB	04/08/01	22:30	Time ISCO	12.30	0	ISCO	04/30/01	12:21	CF/EN	9614					
94		01IS 0688	SFMRB	04/09/01	01:30	Time ISCO	13.40	0	ISCO	04/30/01	12:23	CF/EN	9614					
94		01IS 0689	SFMRB	04/09/01	04:30	Time ISCO	11.20	0	ISCO	04/30/01	12:25	CF/EN	9614					
94		01IS 690	SFMRB	04/09/01	07:30	Time ISCO	8.88	0	ISCO	04/30/01	12:26	CF/EN	9614					
94		01IS 691	SFMRB	04/09/01	10:30	Time ISCO	13.90	0	ISCO	04/30/01	12:27	CF/EN	9614					

Initial Filter	Final Filter	Sediment	Lab	Total	Turbidity	Date	Time	Stage	Discharge	Vel. Str.	Vel.	Vel.	Comments					
Wt. Gr	Wt. Gr	Wt. Gr	Code	Mg/L	FTU	Sampled	Sampled		CFS	hi/lo	Dist.	sec						
					28.40	04/07/01	22:30						B12					
					15.70	04/08/01	01:30						B13					
					18.20	04/08/01	04:30						B14					
					18.20	04/08/01	07:30						B15					
					15.90	04/08/01	10:30						B16					
					12.50	04/08/01	13:30						B17					
					9.64	04/08/01	16:30						B18 no ssc					
					9.02	04/08/01	19:30						B19					
					12.30	04/08/01	22:30						B20 no ssc					
					13.40	04/09/01	01:30						B21					
					11.20	04/09/01	04:30						B22 no ssc					
					8.88	04/09/01	07:30						B23					
					13.90	04/09/01	10:30						Bottle 24 of 24					

South Fork Elk River - Various Sites

Compiled by L. Gilliam and C. Fenton

Humboldt County, California

Checked By C. Fenton

Hydrologic Year 01

Grab Sampling: Turbidity / Suspended Sediment Data - provisional

Salmon Forever / Sunny Brae Sediment Lab

Sign in Page #	Datasheet #	Sample ID #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Run Date	Turbidity Run Time	Turbidity By	TUM S/N	Tare Bottle Wt. Gr	Total Bottle Wt. Gr	Volume ml
31		01GR 0009	SF ELK 3 MILE BRIDGE	01/25/01	17:00	S. Farhi	86.5	0	Hach Cell	2/2/01	13:44	S. Farhi				
43		01GR 0089	SF ELK	01/29/01	18:00	JK, HH	25.6	0	Hach Cell	2/14/01	20:28	C. Fenton				
31		01GR 0503	SF ELK 5 MILE BRIDGE	02/03/01	13:01	S. Farhi	4.27	0	Hach Cell	2/6/01	14:04	S. Farhi				
31		01GR 0502	SF ELK IRON BRIDGE	02/03/01	11:56	S. Farhi	2.88	0	Hach Cell	2/6/01	14:02	S. Farhi				
31		01GR 0504	SF ELK OG#2	02/03/01	14:01	S. Farhi	4.65	0	Hach Cell	2/6/01	14:07	S. Farhi				
31		01GR 0499	SF ELK OG#3	02/03/01	15:00	S. Farhi	4.5	0	Hach Cell	2/6/01	14:09	S. Farhi				
43	8	01GR 0628	SF ELK 4	02/18/01	11:15	JK, HH	57.2	0	Hach Cell	2/19/01	10:40	C. Fenton		18.1	35.4	17.3
43	8	01GR 0629	SF ELK TRAIL SIGN	02/18/01	11:30	JK, HH	136	0	Hach Cell	2/19/01	10:42	C. Fenton		18.4	35.6	17.2
43		01GR 0630	SF ELK 8	02/18/01	11:40	JK, HH	60.7	0	Hach Cell	2/19/01	10:44	C. Fenton				
43		01GR 0631	SF ELK 12	02/18/01	11:50	JK, HH	28.8	0	Hach Cell	2/19/01	10:46	C. Fenton				
43		01GR 0632	SF ELK 22	02/18/01	12:30	JK, HH	20.8	0	Hach Cell	2/19/01	10:47	C. Fenton				
43		01GR 0633	SF ELK 23	02/18/01	13:00	J. King	7.43	0	Hach Cell	2/19/01	10:58	C. Fenton				
43		01GR 0634	SF ELK 25	02/18/01	13:15	J. King	8.66	0	Hach Cell	2/19/01	10:59	C. Fenton				
43		01GR 0635	SF ELK 26	02/18/01	13:30	J. King	7.59	0	Hach Cell	2/19/01	11:00	C. Fenton				

Floating Object velocities																
See site descriptions for stage measurement locations																
Filter Total	Filter ID	Initial Filter Wt. Gr	Final Filter Wt. Gr	Sediment Wt. Gr	Lab Code	Fine Sed. Mg/L	Turbidity FTU	Date Sampled	Time Sampled	Raw Stage	Stage	Discharge CFS	Vel. Str. hi/lo	Vel. dist.	Vel. sec.	Comments
							86.5	01/25/01	17:00	17' 10" from bridge					4.81	
															5.01	
															5.31	
							25.6	01/29/01	18:00							
							4.27	02/03/01	13:01							
							2.88	02/03/01	11:56							
							4.65	02/03/01	14:01							
							4.5	02/03/01	15:00							
1	1	153	0.11249	0.11301	0	30.1	57.2	02/18/01	11:15				hi	3'	9.10	
															7.90	
															8.90	
1	1	154	0.10202	0.10294	0	53.5	136	02/18/01	11:30				hi	13'	14.90	
															13.30	
															14.40	
							60.7	02/18/01	11:40				hi	5'	2.90	
															3.70	
															3.30	
							28.8	02/18/01	11:50				hi	7'	8.80	
															8.20	
															10.10	
							20.8	02/18/01	12:30	18' 3"			hi	18' 5"	5.00	
															5.20	
															4.00	
							7.43	02/18/01	13:00				hi	5'	11.10	
															10.32	
															10.84	
							8.66	02/18/01	13:15				hi	4'	5.18	
															5.91	
															6.00	
							7.59	02/18/01	13:30	7' 4"			hi	14' 4"	7.78	
															8.68	

43	01GR 0637	SF ELK 28.5	02/18/01	15:30	J. King	9.65	0	Hach Cell	2/19/01	11:01	C. Fenton				
43	01GR 0636	SF ELK DITCH, 4.2 MILE	02/18/01	16:30	J. King	19.9	0	Hach Cell	2/19/01	11:02	C. Fenton				
55	01GR 0684	SF ELK 22	02/24/01	12:50	J. King	20	0	ISCO	2/24/01	19:37	J. King				
55	01GR 0685	SF ELK 26	02/24/01	13:38	J. King	11.3	0	ISCO	2/24/01	19:42	J. King				
55	01GR 0686	SF ELK 28.5	02/24/01	14:44	J. King	12.6	0	ISCO	2/24/01	19:45	J. King				
55	01GR 0696	SF ELK 26	02/24/01	16:25	J. King	11.3	0	ISCO	2/24/01	19:49	J. King				
55	01GR 0697	SF ELK 22	02/24/01	16:45	J. King	19.2	0	ISCO	2/24/01	19:52	J. King				
63	01GR 0746	SFELK 3/4 MI 2ND TRAIL SIGN	03/04/01	12:02	J. King	1000+	1	Hach Cell	3/5/01	20:03	J. King				
63	01GR 0747	SFELK 12	03/04/01	12:31	J. King	66.4	0	Hach Cell	3/5/01	20:05	J. King				
63	01GR 0748	SFELK 18	03/04/01	13:03	J. King	431	0	Hach Cell	3/5/01	20:10	J. King				
63	01GR 0749	SFELK 22	03/04/01	13:42	J. King	92.1	0	Hach Cell	3/5/01	20:13	J. King				
63	01GR 0750	SFELK 26	03/04/01	14:24	J. King	43.7	0	Hach Cell	3/5/01	20:15	J. King				
64	01GR 0751	SFELK 28.5	03/04/01	15:29	J. King	31.9	0	Hach Cell	3/5/01	20:23	J. King				
64	01GR 0740	SFELK 28.5	03/04/01	16:20	J. King	33.6	0	Hach Cell	3/5/01	20:30	J. King				

Sign in Page #	Datasheet #	Sample ID #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Run Date	Turbidity Run Time	Turbidity By	TUM S/N	Tare Bottle Wt. Gr	Total Bottle Wt. Gr	Volume ml
64		01GR 0741	SFELK Ditch 27?	03/04/01	16:45	J. King	137	0	Hach Cell	3/5/01	20:34	J. King				
64		01GR 0742	SFELK 26	03/04/01	17:01	J. King	32.6	0	Hach Cell	3/5/01	20:39	J. King				
64		01GR 0743	SFELK 23?	03/04/01	17:30	J. King	29.4	0	Hach Cell	3/5/01	20:43	J. King				
64		01GR 0744	SFELK 22	03/04/01	17:44	J. King	68.6	0	Hach Cell	3/5/01	20:46	J. King				
80		01GR 0825	SFELK 12	03/24/01	12:14	J. King	46.1	0	Hach Cell	3/25/01	17:15	J. King				
80		01GR 0829	SFELK 18	03/24/01	13:00	J. King	16.1	0	Hach Cell	3/25/01	17:26	J. King				
80		01GR 0824	SFELK 22	03/24/01	13:35	J. King	5.32	0	Hach Cell	3/25/01	17:30	J. King				
80		01GR 0837	SFELK 23	03/24/01	14:03	J. King	9.85	0	Hach Cell	3/25/01	17:40	J. King				
80		01GR 0828	SFELK 26	03/24/01	14:26	J. King	3.36	0	Hach Cell	3/25/01	17:43	J. King				
80		01GR 0832	SFELK 28.5	03/24/01	16:01	J. King	4.81	0	Hach Cell	3/25/01	17:50	J. King				
87		01GR 0870	SFELK 4 MI ROAD	04/06/01	17:05	J. King	1000+	1	Hach Cell	4/9/01	10:37	J. King				
87		01GR 0871	SFELK 26	04/06/01	17:38	J. King	8.24	0	Hach Cell	4/9/01	10:40	J. King				
87		01GR 0872	SFELK 22	04/06/01	18:15	J. King	16.7	0	Hach Cell	4/9/01	10:42	J. King				

Filter Total	Filter ID	Initial Filter Wt. Gr	Final Filter Wt. Gr	Sediment Wt. Gr	Lab Code	Fine Sed. Mg/L	Turbidity FTU	Date Sampled	Time Sampled	Raw Stage	Stage	Discharge CFS	Vel. Str. hi/lo	Vel. dist.	Vel. sec.	Comments
							137	03/04/01	16:45							
							32.6	03/04/01	17:01	6' 10.75"			hi	14' 3"	5.30	
															6.03	
															4.88	
							29.4	03/04/01	17:30				hi	6'	5.56	
															5.28	
															5.18	
							68.6	03/04/01	17:44	17' 9"			hi	18' 10"	3.97	
															4.12	
															4.06	
							46.1	3/24/01	12:14				Hi	6'	53.91	
															57.01	
															55.90	
							16.1	3/24/01	13:00	stage gravel 2.25"			hi	9'	16.97	
															16.75	
															15.15	
							5.32	3/24/01	13:35	18' 7.75" top of bridge			hi	17' 7"	8.34	
															7.66	
															7.25	
							9.85	3/24/01	14:03				hi	40"	6.75	
															7.19	
															6.69	
							3.36	3/24/01	14:26	7' 6.25"			hi	14' 6"	17.12	
															16.78	
															18.00	
							4.81	3/24/01	16:01				hi	10'	40.47	
															35.90	
															36.97	
													lo	6'	41.84	
							1000+	04/06/01	17:05	0.25 to 0.5 inches				10'	3.56	
															3.81	
							8.24	04/06/01	17:38	7' 3.25"			hi	14' 3"	6.57	
															6.70	
							16.7	04/06/01	18:15	18' 8.5"			hi	18' 5"	4.58	
															4.65	

Little South Fork Elk River - various sites

Compiled by L. Gilliam and C.Fenton

Humboldt County, California

Checked By C. Fenton

Hydrologic Year 01

Grab Sampling: Turbidity / Suspended Sediment Data - provisional

Salmon Forever / Sunny Brae Sediment Lab

Sign in Page #	Datasheet #	Sample ID #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Date Run	Turbidity Time Run	Turbidity By	TUM S/N	Tare Bottle Wt. G	Total Bottle Wt. G	Volume Bottle - ml
4	6	01GR 0033	headwaters trail#18	11/16/00	11:27	J. Noel	17.40	0	Hach Cell	11/20/00	18:48	J. King		18	38.3	20.3
4	6	01GR 0061	3 mi bridge	11/16/00	12:21	J. Noel	5.64	0	Hach Cell	11/20/00	18:51	J. King		17.9	38.3	20.4
	6	01GR 0035	LSF ELK Iron Bridge	11/16/01	13:06	J. Noel	0.77	0	Hach Cell	11/20/00	18:58	J. King		18.2	38.9	20.7
4	6	01GR 0062	LSF ELK PULLED BRIDGE	11/16/00	14:11	A. Rahl	1.10	0	Hach Cell	11/20/00	19:02	J. King		18.2	38.4	20.2
4		01GR 0065	HEADWATERS-OG edge	11/16/00	16:09	L. Gilliam	5.84	0	Hach Cell	11/20/00	19:07	J. King				
14	6	01GR 0462	LSF OG#2	01/09/01	16:30	S. Farhi C.C.	21.30	0	Hach Cell	01/09/01	-	S. Farhi	9614	18.2	36.9	18.7
13		01GR 0031	LSF ELK OG#2	01/10/01	13:25	S. Farhi Casey C.	11.60	0	Hach Cell	01/10/01	13:47	S. Farhi	9614	18.2	36.9	18.7
13		01GR 0127	LSF ELK-3 MI. BRIDGE	01/10/01	17:15	S. Farhi C.C.	24.00	0	Hach Cell	01/10/01	17:21	S. Farhi	9614			
13	6	01GR 0036	LSF ELK-IRON BRIDGE	01/10/01	16:38	S. Farhi	9.21	0	Hach Cell	01/10/01	16:45	S. Farhi	9614	18	37.2	19.2

Little South Fork Elk River - various sites

Humboldt County, California

Hydrologic Year 01

Grab Sampling: Turbidity / Suspended Sediment Data - provisional

Salmon Forever / Sunny Brae Sediment Lab

See descriptions for stage measurement locations

Floating Object

Filter Total	Filter ID #	Initial Filter Wt. G	Final Filter Wt. G	Sediment Wt. G	Lab Code	Total Mg/L	Turbidity FTU	Raw Stage	Discharge CFS	Vel. Str. hi or lo	Vel. Dist	Vel. sec.	Comments
1	1	104	0.11314	0.11359	0	22.17	17.4	0.75" 56" culv.		hi	4'	9.09	49" cv invert falling
												7.67	
												9.34	
1	1	105	0.10106	0.10141	0	17.16	5.64	19' 9" tp center br upstrm		hi	19'	9.21	
												8.22	
												7.46	
1	1	107	0.11254	0.11248	1	-2.90	0.77	93.5" cen br upstrm		hi	30"	5.25	
												4.82	
												4.33	
1	1	106	0.11124	0.11178	0	26.73	1.1			hi	4'	35.58	E. Branch crude x section
												38.70	
												45.84	
							5.84	12"		hi	4'	32.00	clear crude x section
												9.00	
												12.00	
1	1	114	0.11251	0.11261	0	5.35	21.3	23"		hi	48"	15.57	52"wide strand lite rain
												14.00	
												13.60	
1	1	112	0.11300	0.11311	0	5.88	11.6	23.75"		hi	48"	8.57	light rain hi strand 11" wide
												8.30	
												9.29	
							24	16.5' dn bridge			19.5'	4.97	light rain
												5.58	
												4.63	
1	1	110	0.11165	0.11206	0	21.35	9.21	7' 2.5" from bridge			48"	3.50	hi strand 38.5" wide
												5.14	
												4.76	

Sign in Page #	Datasheet #	Sample ID #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Date Run	Turbidity Time Run	Turbidity By	TUM S/N	Tare Bottle Wt. G	Total Bottle Wt. G	Volume Bottle - ml
13	6	01GR 0128	LSF ELK-OG#2	01/10/01	14:23	S. Farhi Casey C.	13.50	0	Hach Cell	01/10/01	14:40	S. Farhi	9614	18	35.9	17.9
14	6	01GR 0129	LSF OG #2	01/10/01	12:23	S. Farhi Casey C.	10.90	0	Hach Cell	01/10/01	12:46	S. Farhi	9614			
14	6	01GR 0034	LSF OG#2	01/10/01	11:15	S. Farhi C.C.	11.30	0	Hach Cell	01/10/01	11:31	S. Farhi	9614	17.8	36.5	18.7
30		01GR 0080	LSF ELK OG#2	01/24/01	10:57	S. Farhi	19.10	0	Hach Cell	02/02/01	13:27	S. Farhi	22441			
30		01GR 0084	LSF ELK OG#2	01/24/01	16:05	S. Farhi	17.00	0	Hach Cell	02/02/01	13:30	S. Farhi	22441			
30		01GR 0079	LSF ELK IRON BRIDGE	01/25/01	16:34	S. Farhi	27.50	0	Hach Cell	02/02/01	13:42	S. Farhi	22441			
30		01GR 0010	LSF ELK OG#2	01/25/01	11:04	S. Farhi	12.40	0	Hach Cell	02/02/01	13:33	S. Farhi	22441			
30		01GR 0130	LSF ELK OG#2	01/25/01	12:06	S. Farhi	12.00	0	Hach Cell	02/02/01	13:35	S. Farhi	22441			
30		01GR 0007	LSF ELK OG#2	01/25/01	14:27	S. Farhi	16.60	0	Hach Cell	02/02/01	13:37	S. Farhi	22441			
30		01GR 0032	LSF ELK OG#2	01/25/01	15:00	S. Farhi	15.00	0	Hach Cell	02/02/01	13:39	S. Farhi	22441			
31		01GR 0502	LSF ELK IRON BRIDGE	02/03/01	11:56	S. Farhi	2.88	0	Hach Cell	02/06/01	14:02	S. Farhi	22441			
31		01GR 0503	LSF ELK 5 MILE BRIDGE	02/03/01	13:01	S. Farhi	4.27	0	Hach Cell	02/06/01	14:04	S. Farhi	22441			
31		01GR 0504	LSF ELK OG #2	02/03/01	14:01	S. Farhi	4.65	0	Hach Cell	02/06/01	14:07	S. Farhi	22441			

Filter Total	Filter ID #	Initial Filter Wt. G	Final Filter Wt. G	Sediment Wt. G	Lab Code	Total Mg/L	Turbidity FTU	Raw Stage	Discharge CFS	Vel. Str. hi or lo	Vel. Dist	Vel. sec.	Comments		
1	1	111	0.11161	0.11185	0.00024	0	13.41	13.5		23.5"		hi	48"	7.74	hi strand 13" wide light rain
												8.00			
												8.85			
							10.9	24"				48"	6.90	Lo vol. Light rain	
												6.08			
												5.60			
1	1	113	0.10090	0.10097	0.00007	0	3.74	11.3		23.5"		hi	48"	9.99	light rain OG #2 is upstream of Jesse's original site
												10.56			
												10.64			
							19.1			hi	11'	16.81	overcast		
												12.46			
							17			hi	11'	15.01	overcast		
												16.71			
												14.30			
							27.5	74" frm center br						overcast	
							12.4			hi	11'	21.56	raining rain start 1-25-01 10:30		
												16.64			
												11.00			
							12			hi	11'	10.94	overcast		
												9.91			
												11.70			
							1.6			hi	11'	8.00	overcast		
												7.21			
							15			hi	11'	7.91	overcast		
												7.82			
							2.88			hi	14'	24.84			
												27.24			
							4.27			hi	16'	10.43			
												14.53			
												10.64			
							4.65	22"		hi	18" wide	6'	9.69	channel width 54" overcast no rain in 24 hrs	
												12.11			
												10.94			
										lo	6'	24.58			
												33.24			

Sign in Page #	Datasheet #	Sample ID #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Date Run	Turbidity Time Run	Turbidity By	TUM S/N	Tare Bottle Wt. G	Total Bottle Wt. G	Volume Bottle - ml
31		01GR 0499	LSF ELK OG #3	02/03/01	15:00	S. Farhi	4.50	0	Hach Cell	02/06/01	14:09	S. Farhi	22441			
78		01GR 0500	LSFELK 3MB	02/03/01	18:05	S. Farhi	4.47	0	Hach Cell	03/19/01	13:25	S. Farhi	22423			
78		01GR 0240	LSFELK OG	02/18/01	13:00	S. Farhi	5.94	0	Hach Cell	03/19/01	13:29	S. Farhi	22423			
78		01GR 0463	LSFELK OG	02/18/01	16:00	S. Farhi	8.84	0	Hach Cell	03/19/01	13:31	S. Farhi	22423			
51		01GR 0641	LSF ELK 3 MI.bridge	02/20/01	15:36	L. Gilliam	44.40	0	Hach Cell	02/21/01	15:45	D. Vdyke	22423			
51		01GR 0642	LSF ELK 21	02/20/01	16:37	L. Gilliam	97.40	0	Hach Cell	02/22/01	20:06	C. Fenton	22423			
51		01GR 0643	LSF ELK 18	02/20/01	17:26	L. Gilliam	36.40	0	Hach Cell	02/22/01	20:14	C. Fenton	22423			
51		01GR 0644	LSF ELK #13.5	02/20/01	17:44	L. Gilliam	154.00	0	Hach Cell	02/21/01	15:25	S. Farhi	22423			
51		01GR 0645	LSF ELK 12	02/20/01	17:58	L. Gilliam	37.30	0	Hach Cell	02/21/01	15:30	J. King	22423			
51		01GR 0646	LSF ELK 7	02/20/01	18:10	L. Gilliam	158.00	0	Hach Cell	02/21/01	15:38	K. Miller	22423			
77		01GR 0147	LSFELK OG	02/24/01	13:04	S. Farhi	6.97	0	Hach Cell	03/19/01	12:59	S. Farhi	22423			
78		01GR 0698	LSFELK OG	02/25/01	12:21	S. Farhi	5.72	0	Hach Cell	03/19/01	13:01	S. Farhi	22423			
78		01GR 0081	LSFELK OG	03/01/01	19:00	S. Farhi	5.32	0	Hach Cell	03/19/01	13:07	S. Farhi	22423			
78		01GR 0661	LSFELK OG	03/01/01	22:00	S. Farhi	17.10	0	Hach Cell	03/19/01	13:10	S. Farhi	22423			

Filter	Filter	Initial Filter	Final Filter	Sediment	Lab	Total	Turbidity	Raw	Discharge	Vel. Str.	Vel.	Vel.	Comments
Total	ID #	Wt. G	Wt. G	Wt. G	Code	Mg/L	FTU	Stage	CFS	hi or lo	Dist	sec.	
							4.5			hi	7'	9.65	
												8.34	
												6.70	
										lo	7'	11.36	
												12.11	
												11.57	
							4.47	17' 7" dn from bridge		hi	17' 8"	7.30	
												5.34	
							5.94						overcast
							8.84						
							44.4	18' dn bridge?		hi	19.8'	4.73	CULVERT INVERT 17.8'
												3.64	
												4.30	
							97.4	culvert depth 1"		hi	2.6'	1.63	CULVERT INV 13"
												1.79	
												1.69	
							36.4	7.8" crest gage		hi	3'	1.35	
												2.22	
												1.57	
							154	5" in 36" culvert					CULVERT 36", WATER DEPTH BOTTOM OF CULVERT
							37.3	4.5" in 12" culvert					7.5" invert turbidity cert. In lab
							158	3" in 18" culvert					
							6.97	1ft crest gage		hi	20'	13.34	overcast
												14.40	
												13.36	
										lo	20'	12.53	
												11.65	
												16.41	
							5.72	crest/stage gage 10"		hi	20'	16.63	
												13.26	
												16.97	
							5.32	up		hi	20'	29.53	rain - not heavy
												26.28	
												25.47	
							17.1	up					light rain

Sign in Page #	Datasheet #	Sample ID #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Date Run	Turbidity Time Run	Turbidity By	TUM S/N	Tare Bottle Wt. G	Total Bottle Wt. G	Volume Bottle - ml
78		01GR 0481	LSFELK OG	03/02/01	01:00	S. Farhi	12.30	0	Hach Cell	03/19/01	13:12	S. Farhi	22423			
78		01GR 0150	LSFELK OG	03/02/01	04:00	S. Farhi	3.70	0	Hach Cell	03/19/01	13:15	S. Farhi	22423			
78		01GR 0501	LSFELK OG	03/02/01	07:00	S. Farhi	5.99	0	Hach Cell	03/19/01	13:17	S. Farhi	22423			
78		01GR 0699	LSFELK OG	03/02/01	10:00	S. Farhi	4.77	0	Hach Cell	03/19/01	13:20	S. Farhi	22423			
77		01GR 0148	LSFELK OG	03/04/01	10:00	S. Farhi	6.08	0	Hach Cell	03/19/01	12:18	S. Farhi	22423			
77		01GR 0149	LSFELK OG	03/04/01	13:00	S. Farhi	12.00	0	Hach Cell	03/19/01	12:22	S. Farhi	22423			
77		01GR 0726	LSFELK OG	03/04/01	14:30	S. Farhi	11.60	0	Hach Cell	03/19/01	12:27	S. Farhi	22423			
77		01GR 0725	LSFELK OG	03/04/01	16:00	S. Farhi	16.60	0	Hach Cell	03/19/01	12:31	S. Farhi	22423			
77		01GR 484	LSFELK OG	03/04/01	17:30	S. Farhi	11.10	0	Hach Cell	03/19/01	12:33	S. Farhi	22423			
77		01GR 0659	LSFELK OG	03/04/01	19:00	S. Farhi	21.00	0	Hach Cell	03/19/01	12:35	S. Farhi	22423			
77		01GR 0486	LSFELK OG	03/04/01	20:30	S. Farhi	11.60	0	Hach Cell	03/19/01	12:39	S. Farhi	22423			
77		01GR 0482	LSFELK OG	03/04/01	22:00	S. Farhi	11.60	0	Hach Cell	03/19/01	12:42	S. Farhi	22423			
77		01GR 0640	LSFELK OG	03/05/01	01:00	S. Farhi	28.30	0	Hach Cell	03/19/01	12:46	S. Farhi	22423			
77		01GR 0695	LSFELK OG	03/05/01	04:00	S. Farhi	15.10	0	Hach Cell	03/19/01	12:49	S. Farhi	22423			
77		01GR 0485	LSFELK OG	03/05/01	07:00	S. Farhi	11.90	0	Hach Cell	03/19/01	12:52	S. Farhi	22423			
101		01GR 0792	LSFELK OG	03/24/01	17:15	S. Farhi	6.44	0	Hach Cell	04/20/01	15:25	S. Farhi	9614			
101		01GR 0791	LSFELK OG	03/24/01	20:15	S. Farhi	6.66	0	Hach Cell	04/20/01	15:30	S. Farhi	9614			
101		01GR 0793	LSFELK OG	03/24/01	23:15	S. Farhi	7.38	0	Hach Cell	04/20/01	15:35	S. Farhi	9614			
101		01GR 0784	LSFELK OG	03/25/01	02:15	S. Farhi	8.25	0	Hach Cell	04/20/01	15:40	S. Farhi	9614			
101		01GR 0781	LSFELK OG	03/25/01	05:15	S. Farhi	9.65	0	Hach Cell	04/20/01	15:45	S. Farhi	9614			
101		01GR 0795	LSFELK OG	03/25/01	08:15	S. Farhi	6.70	0	Hach Cell	04/20/01	15:50	S. Farhi	9614			
101		01GR 0785	LSFELK OG	03/25/01	11:15	S. Farhi	6.46	0	Hach Cell	04/20/01	15:52	S. Farhi	9614			
101		01GR 0783	LSFELK OG	03/25/01	14:15	S. Farhi	8.76	0	Hach Cell	04/20/01	15:59	S. Farhi	9614			
101		01GR 0790	LSFELK OG	04/06/01	15:30	S. Farhi	3.31	0	Hach Cell	04/23/01	13:50	S. Farhi	22423			
101		01GR 0797	LSFELK OG	04/06/01	22:01	S. Farhi	16.90	0	Hach Cell	04/23/01	13:53	S. Farhi	22423			

Filter Total	Filter ID #	Initial Filter Wt. G	Final Filter Wt. G	Sediment Wt. G	Lab Code	Total Mg/L	Turbidity FTU	Raw Stage	Discharge CFS	Vel. Str. hi or lo	Vel. Dist	Vel. sec.	Comments
							12.3			hi	20'	23.11	mist rain start 11 am 3-1-01
												22.51	
												22.90	
							3.7						overcast
							5.99	dn		hi	20'	25.11	light rain
												27.45	
												27.55	
							4.77	dn					overcast 11:00 light rain
							6.08						rain
							12						overcast
							11.6						overcast
							16.6	up					light rain
							11.1						light rain
							21						rain
							11.6						rain
							11.7	22" previous location					stage unreachable 22" from center rock before cascade
							27.1	23.5" previous					move to previous location stage unreachable 23.5"
													from center rock before cascade
							15.1	23 previous					stage unreachable 23" from center rock before cascade
							11.9	22 previous					peak 28.5" stage unreachable 23" from center rock
													before cascade
							6.44						heavy rain - start 9 hours prior
							6.66						rain - intense
							7.38						overcast - rain start 15 hrs ago
							8.25	stage gage 34 "					
							9.65	stage gage 35.5"					clear
							6.7	stage gage 36"					overcast
							6.46						
							8.76	stage gage 35.5"		hi	20'	27.24	overcast
												28.13	
												27.36	
							3.31			hi	20'	25.16	light rain
												24.34	
												23.12	
							16.9						light rain

Sign in	Datasheet	Sample	Location	Date	Time	Sampled	Turbidity	Tur.	Container	Turbidity	Turbidity	Turbidity	TUM	Tare Bottle	Total Bottle	Volume
Page #	#	ID #	Sampled	Sampled	Sampled	By	FTU	Code	Type	Date Run	Time Run	By	S/N	Wt. G	Wt. G	Bottle - ml
102		01GR 0803	LSFELK OG	04/07/01	01:00	S. Farhi	16.80	0	Hach Cell	04/23/01	13:57	S. Farhi	22423			
102		01GR 0789	LSFELK OG	04/07/01	04:00	S. Farhi	18.50	0	Hach Cell	04/23/01	13:59	S. Farhi	22423			
102		01GR 0780	LSFELK OG	04/07/01	07:05	S. Farhi	17.40	0	Hach Cell	04/23/01	14:02	S. Farhi	22423			
102		01GR 0796	LSFELK OG	04/07/01	10:05	S. Farhi	14.80	0	Hach Cell	04/23/01	14:11	S. Farhi	22423			
102		01GR 0799	LSFELK OG	04/07/01	13:00	S. Farhi	12.30	0	Hach Cell	04/23/01	14:16	S. Farhi	22423			
102		01GR 0787	LSFELK OG	04/07/01	16:04	S. Farhi	10.50	0	Hach Cell	04/23/01	14:19	S. Farhi	22423			
102		01GR 0788	LSFELK OG	04/07/01	17:15	S. Farhi	10.70	0	Hach Cell	04/23/01	14:22	S. Farhi	22423			

Filter	Filter	Initial Filter	Final Filter	Sediment	Lab	Total	Turbidity	Raw	Discharge	Vel. Str.	Vel.	Vel.	Comments
Total	ID #	Wt. G	Wt. G	Wt. G	Code	Mg/L	FTU	Stage	CFS	hi or lo	Dist	sec.	
							16.8						clear
							18.5			hi	20'	13.01	clear
												13.39	
												13.71	
							17.4			hi	20'	14.27	misty
												14.31	
												13.40	
							14.8						overcast
							12.3			hi	20'	12.07	clear
												14.20	
												14.13	
							10.5			hi	20'	13.66	sunny
												15.67	
												14.00	
							10.7						overcast

North Fork Elk River (NF/ NFELK)

Compiled by Liz Gilliam

Hydrologic Year 2001

Checked By C. Fenton

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

Sign in Page #	Datasheet #	Sample ID #	Location Sampled	Date Sampled	Time Sampled	Sampled By	Turbidity FTU	Tur. Code	Container Type	Turbidity Date Run	Turbidity Date Run	Turbidity By	TUM S/N	Tare Bottle Wt. G	Total Bottle Wt. Gr	Volume/ ml	Filter Total	Filter ID#
29		01GR 0173	NFELK	10/23/00	16:00	R. Kraus	20.1	0	Hach Cell	02/01/01	19:34	C. Fenton	22441					
29		01GR 0193	NF ELK	10/30/00	07:40	R. Kraus	5.91	0	Hach Cell	02/01/01	19:36	C. Fenton	22441					
29		01GR 0195	NF ELK	11/29/00	08:45	R. Kraus	9	0	Hach Cell	02/01/01	19:37	C. Fenton	22441					
5		01GR 0344	NF ELK	12/02/00	15:20	C. Fenton	9.32	0	Hach Cell	12/02/00	15:22	C. Fenton	22423					
29		01GR 0196	NF ELK	12/14/00	10:20	R. Kraus	78.8	0	Hach Cell	02/11/01	19:38	C. Fenton						
29		01GR 0194	NF ELK	01/10/01	10:45	R. Kraus	28.8	0	Hach Cell	02/01/01	19:45	C. Fenton	22441					
29		01GR 0198	NF ELK	01/11/01	09:15	R. Kraus	86.1	0	Hach Cell	02/01/01	19:46	C. Fenton	22441					
29		01GR 0197	NF ELK	01/18/01	13:25	R. Kraus	3.8	0	Hach Cell	02/01/01	19:43	C. Fenton	22441					
18	7	01GR 0380	NF ELK	01/20/01	14:48	J. Noel	5.22	0	Hach Cell	01/20/01	15:03	C. Fenton	9614	18.1	38.2	20.1	1 1	122
18	7	01GR 0384	NFELK	01/20/01	14:58	C. Fenton	5.7	0	Hach Cell	01/20/01	15:05	C. Fenton	9614	18.3	37	18.7	1 1	123
18	7	01GR 0383	NFELK	01/20/01	14:59	S. Farhi	5.29	0	Hach Cell	01/20/01	15:07	C. Fenton	9614	18.4	39.2	20.8	1 1	124
18	7	01GR 0108	NFELK	01/20/01	15:03	K. Wrigley	6.21	0	Hach Cell	01/20/01	15:10	C. Fenton	9614	18.1	36.4	18.3	1 1	125
19	7	01GR 0105	NFELK	01/20/01	15:06	J. King	6.14	0	Hach Cell	01/20/01	15:09	C. Fenton	9614	18.1	35.6	17.5	1 1	126
19	7	01GR 0104	NFELK	01/20/01	15:09	K. Miller	5.46	0	Hach Cell	01/20/01	15:10	C. Fenton	9614	18	37.3	19.3	1 1	127
19	7	01GR 0382	NFELK	01/20/01	15:09	J. Noel	5.45	0	Hach Cell	01/20/01	15:11	C. Fenton	9614	18.1	37.2	19.1	1 1	128
26	8	01GR 0242	NF ELK	01/23/01	14:01	J. Noel	19.3	0	Hach Cell	01/30/01	21:25	C. Fenton	22441	18.1	37.6	19.5	1 1	145
29		01GR 0169	NF ELK	01/23/01	22:10	R. Kraus	40.4	0	Hach Cell	02/01/01	19:56	C. Fenton	22441					
29		01GR 0172	NF ELK	01/24/01	13:20	R. Kraus	37.9	0	Hach Cell	02/01/01	19:57	C. Fenton	22441					
?		01GR 0170	NF ELK	01/25/01	13:40	R. Kraus	599	0	Hach Cell	02/01/01	19:59	C. Fenton	22441					

North Fork Elk River (NF/ NFELK)														
Hydrologic Year 2001														
Elk River Bridge #4C-57 / Elk River Rd. # 3J305 PM 3.38 / Humboldt County, California														
Turbidity / Suspended Sediment Data - Grab Sampling - provisional										staff plate = 21.06 - rail				
Salmon Forever / Sunny Brae Sediment Lab										Raw stage is measured inches down from bridge rail				
										Stage is measured at staff gage			Floating object	
Initial Filter	Final Filter	Sediment	Lab	Total	Turbidity	Date	Time	Raw	Stage	Discharge	Vel. Str.	Vel.	Vel.	Comments
Wt. Gr	Wt. Gr	Wt. Gr	Code	Mg/L	FTU	Sampled	Sampled	Stage		CFS	hi/lo	Dist.	Sec	
					20.1	10/23/00	16:00							
					5.91	10/30/00	07:40							
					9	11/29/00	08:45	19.5' dn						
					9.32	12/02/00	15:20	19.5' dn	1.55					
					78.8	12/14/00	10:20	16.5' dn						
					28.8	01/10/01	10:45	17.9' dn						
					86.1	01/11/01	09:15	15.65' dn						
					3.8	01/18/01	13:25							
0.11249	0.11254	0.00005	0	2.5	5.22	01/20/01	14:48		1.25		hi	21" 2"	28.70	vel. Width 6'
													30.47	Cert. W/Eileen Cashman
0.11242	0.11254	0.00012	0	6.4	5.7	01/20/01	14:58		1.25		hi	21' 2"	34.43	Cert. W/Eileen Cashman
													24.94	
													32.94	
0.11314	0.113	-0.00014	1	-6.7	5.29	01/20/01	14:59		1.25		hi	21' 2"	25.09	Cert. W/Eileen Cashman
													24.40	
													40.02	
0.1007	0.10078	0.00008	0	4.4	6.21	01/20/01	15:03	6.06M dn	1.25			21' 2"		Cert. W/Eileen Cashman
0.11175	0.11179	0.00004	0	2.3	6.14	01/20/01	15:06		1.25		hi	21' 2"	27.00	Cert. W/Eileen Cashman
													30.68	
													27.06	
0.11147	0.11155	0.00008	0	4.1	5.46	01/20/01	15:09		1.25		hi	21' 2"	37.30	Cert. W/Eileen Cashman
0.11256	0.1126	0.00004	0	2.1	5.45	01/20/01	15:09		1.25		hi	21' 2"	28.70	Cert. W/Eileen Cashman
											hi		30.47	
											lo		59.90	8' width
											lo		43.21	RL edge of strand
											hi		39.43	RR edge of fast strand
0.11304	0.11415	0.00111	0	56.9	19.3	01/23/01	14:01		1.10					rain start 11 am
					40.4	01/23/01	22:10		1.74					
					37.9	01/24/01	13:20		2.58					
					599	01/25/01	13:40		5.16					

?		01GR 0174	NF ELK	01/25/01	16:50	R. Kraus	1000+	0	Hach Cell	02/01/01	20:00	C. Fenton	22441						
17/22		01GR 0206	NF ELK	01/26/01	18:00	J. Noel	48.3	0	Hach Cell	01/26/01	20:13	J. Noel							
60		01GR 0175	NF ELK	01/27/01	09:45	R. Kraus	35.2	0	Hach Cell	03/04/01	21:51	C. Fenton	22423						
42		01GR 0088	NF ELK	01/29/01	17:50	K. Wrigley	21.5	0	Hach Cell	02/14/01	20:24	C. Fenton							
60		01GR 0179	NFELK	02/02/01	13:15	R. Kraus	10.9	0	Hach Cell	03/04/01	21:57	C. Fenton	22423						
60		01GR 0178	NFELK	02/11/01	10:15	R. Kraus	45.4	0	Hach Cell	03/04/01	21:59	C. Fenton	22423						
60		01GR 0176	NFELK	02/17/01	10:35	R. Kraus	12.5	0	Hach Cell	03/04/01	21:53	C. Fenton	22423						
60		01GR 0180	NFELK	02/18/01	10:30	R. Kraus	50	0	Hach Cell	03/04/01	21:57	C. Fenton	22423						
61		01GR 0177	NFELK	02/19/01	10:40	R. Kraus	23.5	0	Hach Cell	03/04/01	21:55	C. Fenton	22423						
61	11	01GR 0619	NFELK	02/21/01	09:15	R. Kraus	53.8	0	Hach Cell	03/04/01	22:00	C. Fenton	22423	18.2	37.5	19.3	1	1	192
61	11	01GR 0620	NFELK	02/22/01		R. Kraus	345	0	Hach Cell	03/04/01	22:01	C. Fenton	22423	18.5	37.5	19.0	1	1	193
61	11	01GR 0621	NFELK	02/23/01	08:00	R. Kraus	63	0	Hach Cell	03/04/01	22:02	C. Fenton	22423	18.3	37.4	19.1	1	1	194
61		01GR 0618	NFELK	02/24/01	13:00	R. Kraus	31.3	0	Hach Cell	03/04/01	22:03	C. Fenton	22423						
61		01GR 0617	NFELK	03/01/01	15:55	R. Kraus	10.1	0	Hach Cell	03/04/01	22:05	C. Fenton	22423						
71		01GR 0806	NF ELK	03/11/01	13:34	C. Fenton	10.5	0	Hach Cell	03/11/01	14:40	C. Fenton	22423						
60		01GR 0736	NFELK	03/04/01	16:17	C. Fenton	218	0	Hach Cell	03/04/01	21:49	C. Fenton	22423						
81		01GR 0623	NFELK	04/02/01	14:47	C. Fenton	7.9	0	Hach Cell	04/02/01	19:38	C. Fenton	22423						
42		01GR 0085	KRW	11/13/01	18:00	K. Wrigley	8.42	0	Hach Cell	02/14/01	20:15	CF/DVD							
?		01GR 0342	KRW	12/02/00	15:15	CF/EN	9.27	0	Hach Cell	12/02/00	15:20	C. Fenton	22423						
42		01GR 0086	KRW	01/07/01	11:00	K. Wrigley	0.87	0	Hach Cell	02/14/01	20:19	CF/DVD							
42		01GR 0087	KRW	01/26/01	06:15	K. Wrigley	94.3	0	Hach Cell	02/14/01	20:22	CF/DVD							
43		01GR 0090	KRW	01/29/01	18:10	K. Wrigley	28.1	0	Hach Cell	02/14/01	20:35	CF							
60		01GR 0735	KRW	03/04/01	16:30	C. FENTON	296	0	Hach Cell	03/04/01	21:50	C. Fenton	22423						

					1000+	01/25/01	16:50		7.32										
					48.3	01/26/01	18:00		5.81										corr. W/ SFMRB no rain 24 hrs
																			checked field form - recorded correctly
					35.2	01/27/01	09:45	checked	4.08										peak stage 8.50
					21.5	01/29/01	17:50		3.70		hi	20'	10.00						rained 0.5" from about 1-28-01 19:00
																			to 06:00 1-29-01
					10.9	02/02/01	13:15		1.96										
					45.4	02/11/01	10:15		4.13										0.70 rainfall btw 2-10-01 08:30 and 08:30
																			2-11-01 0.55 rain day before
					12.5	02/17/01	10:35		1.70										0.4 rain last 24 hrs 08:30 to 08:30
					50	02/18/01	10:30		4.36										0.5" rain since 08:30 yesterday
					23.5	02/19/01	10:40		3.30										
0.10892	0.1097	0.00078	0	40.4	53.8	02/21/01	09:15		4.82										0.51" rain 08:30 2-20-01 - 08:30 2-21-01
0.11184	0.11996	0.00812	0	427.5	345	02/22/01			10.98										0.90 " 08:30 2-21-01 to 08:15 2-22 -01
0.10909	0.11013	0.00104	0	54.5	63	02/23/01	08:00												0.15" rain 08:30 to 08:30
					31.3	02/24/01	13:00		4.36										0.15" rain 08:30 to 08:30
					10.1	03/01/01	15:55		1.98										
					10.5	03/11/01	13:34		1.98										No ssc Discharge w/eric nyman
					218	03/04/01	16:17	14.0' dn rail	7.21										
					7.9	04/02/01	14:47	19.25' dn	1.82										no ssc w/ discharge
					8.42	11/13/01	18:00		0.90										rained 0.5" since 04:00 am when rain started
																			last rain 11-09-01
					9.27	12/02/00	15:15		0.96										install staff plates up to 20.0
					0.87	01/07/01	11:00		0.65										river around lo flo level
					94.3	01/26/01	06:15		4.25		hi	25'	10.00						over 1" of rain last 24 hrs
					28.1	01/29/01	18:10		2.30		hi	20'	6.00						0.5" rain last 24 hrs
					296	03/04/01	21:50		5.28		hi	10'	5.87						
													4.75						
													5.23						

Grotzman Creek (GRTZ)																		
Humboldt County, California																		
Hydrologic Year 01																		
Compiled by C. Fenton																		
Grab Sampling: Turbidity / Suspended Sediment Data - provisional																		
Salmon Forever / Sunny Brae Sediment Lab																		
Sign-in	Data Sheet	Sample	Location	Date	Time	Sampled	Turbidity	Tur.	Container	Turbidity	Turbidity	Turbidity	Tum	Tare Bottle	Total Bottle	Volume	Filter	Filter
Page #	#	ID#	Sampled	Sampled	Sampled	By	FTU	Code	Type	Date run	Time run	By	S/N	Weight g	Weight g	Bottle Wt.	Total	ID
		na	GRTZ1	08/06/00	14:30	C. Fenton	11.9	0	Hach Cell	08/06/00	14:31	C. Fenton	9614					
		na	GRTZ2	08/06/00	14:52	C. Fenton	26.3	0	Hach Cell	08/06/00	14:55	C. Fenton	9614					
		na	GRTZ3	08/06/00	15:10	C. Fenton	11.1	0	Hach Cell	08/06/00	15:15	C. Fenton	9614					
		na	GRTZ5	08/06/00	18:45	C. Fenton	6.1	0	Hach Cell	08/06/00	18:46	C. Fenton	9614					
2		01GR 0251	GRTZ5	09/02/00	11:00	C. Fenton	7.6	0	Hach Cell	09/02/00	18:00	C. Fenton	9614					
2		01GR 0254	GRTZ1	09/02/00	11:45	C. Fenton	9.0	0	Hach Cell	09/02/00	18:10	C. Fenton	9614					
	6	01GR 0028	GRTZ1	10/30/00	07:00	R. Moore	23.3	0	Hach Cell	11/02/00	19:47	C. Fenton	9614	18.1	36.2	18.1	1 1	101
2	6	01GR 0030	GRTZ1	11/13/00	17:30	R. Moore	144.0	0	Hach Cell	11/14/00		R. Moore	9614	18.2	38.3	20.1	1 1	102
5	6	01GR 0121	GRTZ1	11/29/00	07:02	C. Fenton	226.0	0	Hach Cell	11/29/00	07:08	C. Fenton		17.9	37.2	19.3	1 1	115
70		01GR 0026	GRTZ1	11/29/00	08:30	R. Moore	95.8	0	Hach Cell	03/08/01	11:14	C. Fenton	22423					
70		01GR 0114	GRTZ1	01/08/01	12:25	R. Moore	61.0	0	Hach Cell	03/08/01	11:10	C. Fenton	22423					
17		01GR 0103	GRTZ1	01/25/01	09:17	C. Fenton	32.5	0	Hach Cell	01/25/01	17:47	C. Fenton	22441					
58		01GR 0638	GRTZ1	02/21/01	07:01	C. Fenton	42.4	0	Hach Cell	03/01/01	10:39	D. VanDyke	22423					
102		01GR 0113	GRTZ1	04/06/01	16:50	R. Moore	926.0	0	Hach Cell	04/25/01	16:10	C. Fenton	9614					

Grotzman Creek (GRTZ)																
Humboldt County, California																
Hydrologic Year 01																
Grab Sampling: Turbidity / Suspended Sediment Data																
Salmon Forever / Sunny Brae Sediment Lab																
Sand																
Init. Filter	Final Filter	Sediment	Lab	Fine	Fr.	Total	FTU	Date	Time	Raw	Stage	Discharge	Vel. Strand	Velocity	Velocity	Comments
Weight g	Weight g	Wt.	Code	Mg/L	Mg/L	Mg/L	Turbidity	Sampled	Sampled	Stage		CFS	hi or lo	distance	sec.	
							11.9	8/6/00	14:30	2"			HI	5.0'	4.10	width 10" intake structure
															3.40	at top of Beverly Drive
															3.10	
						26.3	8/6/00	14:52	1"				HI	3.0'	3.20	Small trib Beverly Way Picture #4
															4.20	4' diameter stand pipe
															3.00	
						11.1	8/6/00	15:10	8.5"				HI	3.0'	12.40	991 Shirley culvert downstream of shirley
															12.10	picture #5
															17.10	
						6.06	8/6/00	18:45		0.50			HI	10.0'	6.00	box culvert downstream old Arcata Road
															9.00	staff plate 40" wide
						7.55	9/2/00	11:00		0.60			HI	5.0	6.65	rain last night 0.1 - 0.2" - No ssc
															5.80	
															5.60	
						8.98	9/2/00	11:45	1"				HI	4.0	2.19	1" deep 6" wide intake structure
															2.77	
															2.34	
0.09971	0.09976	0.00005	0	2.76		2.76	23.3	10/30/00	07:00	1'						
0.11161	0.1148	0.00319	0	158.72		158.72	144	11/13/00	17:30		0.75		HI	10'	5.00	rain start 11-13 5am
0.11307	0.11679	0.00372	0	192.77			226	11/29/00	07:02		0.79					0.80" rain last night
							95.8	11/29/00	08:30		0.76		HI	10'	7.00	rain start 11-28 22:00
							61	1/8/01	12:25		0.70		HI	10'	6.00	rain start 1-7-01 19:00
							32.5	1/25/01	09:17		0.61					rain start 07:30
							42.4	2/21/01	07:01		0.36					cloudy heavy rain at 04:45 am
							926	4/6/01	16:50		0.75		HI	10'	3.00	After 1.5 days heavy rain

Compiled by C. Fenton										Grotzman Creek (GRTZ)									
										Humboldt County, California									
										Hydrologic Year 98 - 99									
										Grab Sampling: Turbidity / Suspended Sediment Data - Provisional									
										Salmon Forever / Sunny Brae Sediment Lab									
Sign-in	Data Sheet	Location	Date	Time	Sampled	Turbidity	Tur.	Container	Turbidity	Turbidity	Turbidity	Tum	Tare Bottle	Total Bottle	Volume/	Filter	Filter	Initial Filter	
Page #	#		Sampled	Sampled	By	FTU	Code	Type	Date run	Time run	By	S/N	Weight g	Weight g	Bottle Wt.	Total	ID	Weight g	
Notebook	NA	GRTZ4	10/22/97	22:00	C. Fenton	19.8	0	Hach Cell			C. Fenton	9614							
Notebook	NA	GRTZ4	10/23/97	07:15	C. Fenton	54.6	0	Hach Cell			C. Fenton	9614							
Notebook	NA	GRTZ4	10/23/97	17:45	C. Fenton	251.0	0	Hach Cell			C. Fenton	9614							
Notebook	NA	GRTZ4	10/24/97	07:00	C. Fenton	31.5	0	Hach Cell			C. Fenton	9614							
Notebook	NA	GRTZ4	12/05/97		C. Fenton	12.4	0	Hach Cell			C. Fenton	9614							
Notebook	NA	GRTZ4	12/06/97		C. Fenton	172.0	0	Hach Cell			C. Fenton	9614							
Notebook	NA	GRTZ4	12/27/97		C. Fenton	168.0	0	Hach Cell			C. Fenton	9614							
Notebook	NA	GRTZ4	01/02/98		C. Fenton	50.0	0	Hach Cell			C. Fenton	9614							
Notebook	NA	GRTZ4	01/03/98	19:00	C. Fenton	1000+	1	Hach Cell			C. Fenton	9614							
Notebook	NA	GRTZ4	01/04/98	11:00	C. Fenton	95.0	0	Hach Cell			C. Fenton	9614							
Notebook	NA	GRTZ4	01/09/98	07:10	C. Fenton	25.7	0	Hach Cell			C. Fenton	9614							
Notebook	NA	GRTZ4	01/09/98	16:15	C. Fenton	22.8	0	Hach Cell			C. Fenton	9614							
Notebook	NA	GRTZ4	01/12/98	17:45	C. Fenton	295.0	0	Hach Cell			C. Fenton	9614							
Notebook	NA	GRTZ4	01/13/98	07:05	C. Fenton	80.0	0	Hach Cell			C. Fenton	9614							
Notebook	NA	GRTZ4	01/13/98	16:45	C. Fenton	47.6	0	Hach Cell			C. Fenton	9614							
Notebook	NA	GRTZ4	01/13/98	21:50	C. Fenton	53.1	0	Hach Cell			C. Fenton	9614							
Notebook	NA	GRTZ4	01/14/98	07:05	C. Fenton	48.1	0	Hach Cell			C. Fenton	9614							
Notebook	NA	GRTZ4	01/14/98	16:50	C. Fenton	125.0	0	Hach Cell			C. Fenton	9614							
Notebook	NA	GRTZ4	01/14/98	22:20	C. Fenton	354.0	0	Hach Cell			C. Fenton	9614							
Notebook	NA	GRTZ4	01/15/98	07:05	C. Fenton	88.3	0	Hach Cell			C. Fenton	9614							
Notebook	NA	GRTZ4	01/15/98	16:20	C. Fenton	47.9	0	Hach Cell			C. Fenton	9614							
Notebook	NA	GRTZ4	01/15/98	21:30	C. Fenton	48.6	0	Hach Cell			C. Fenton	9614							
Notebook	NA	GRTZ4	01/16/98	07:10	C. Fenton	304.0	0	Hach Cell			C. Fenton	9614							
Notebook	NA	GRTZ4	01/16/98	16:50	C. Fenton	1000+	1	Hach Cell			C. Fenton	9614							
Notebook	NA	GRTZ4	01/16/98	21:30	C. Fenton	310.0	0	Hach Cell			C. Fenton	9614							
Notebook	NA	GRTZ4	01/17/98	15:35	C. Fenton	55.0	0	Hach Cell			C. Fenton	9614							

Grotzman Creek (GRTZ)											
Humboldt County, California											
Hydrologic Year 98 - 99											
Grab Sampling: Turbidity / Suspended Sediment Data - provisional											
Salmon Forever / Sunny Brae Sediment Lab						GRTZ4 stage is measured 5' downstream of culvert at intersection of Buttermilk and Beith Lane(?)					
Stage is in inches of water in channel											
Final Filter	Sediment	Lab	Fine	Total	FTU	Date	Time	Raw	Stage	Discharge	Comments
Weight g	Wt. G	Code	Mg/L	Mg/L	Turbidity			Stage		CFS	
					19.8						0.10" rain / Weds nite
					54.6						0.20" rain
					251						0.40" rain
					31.5						0.08" rain
					12.4						rising limb
					172						Height of Storm
					168						
					50						
					1000+						heavy rain all night
					95						Sunday
					25.7						
					22.8						
					295						
					80						
					47.6						
					53.1						
					48.1						
					125						
					354						
					88.3						
					47.9						
					310				18.00		
					310				18"		
					55				9.00		P. CLOUDY

Sign-in	Data Sheet	Location	Date	Time	Sampled	Turbidity	Tur.	Container	Turbidity	Turbidity	Turbidity	Tum	Tare Bottle	Total Bottle	Volume/	Filter	Filter	Initial Filter
Page #	#		Sampled	Sampled	By	FTU	Code	Type	Date run	Time run	By	S/N	Weight g	Weight g	Bottle Wt.	Total	ID	Weight g
Notebook	NA	GRTZ4	01/18/98	08:30	C. Fenton	352.0	0	Hach Cell			C. Fenton	9614						
Notebook	NA	GRTZ4	01/18/98	14:40	C. Fenton	236.0	0	Hach Cell			C. Fenton	9614						
Notebook	NA	GRTZ4	01/18/98	08:15	C. Fenton	100.0	0	Hach Cell			C. Fenton	9614						
Notebook	NA	GRTZ4	01/19/98	08:25	C. Fenton	69.5	0	Hach Cell			C. Fenton	9614						
Notebook	NA	GRTZ4	01/20/96	07:10	C. Fenton	38.6	0	Hach Cell			C. Fenton	9614						
Notebook	NA	GRTZ4	01/20/98	18:15	C. Fenton	40.5	0	Hach Cell			C. Fenton	9614						
Notebook	NA	GRTZ4	01/21/98	17:15	C. Fenton	32.8	0	Hach Cell			C. Fenton	9614						
Notebook	NA	GRTZ4	01/22/98	07:10	C. Fenton	26.3	0	Hach Cell			C. Fenton	9614						
Notebook	NA	GRTZ4	01/23/98	21:20	C. Fenton	31.8	0	Hach Cell			C. Fenton	9614						
Notebook	NA	GRTZ4	01/24/98		C. Fenton	30.0	0	Hach Cell			C. Fenton	9614						
Notebook	NA	GRTZ4	01/25/98	11:00	C. Fenton	21.4	0	Hach Cell			C. Fenton	9614						
Notebook	NA	GRTZ4	01/26/98	17:15	C. Fenton	311.0	0	Hach Cell			C. Fenton	9614						
Notebook	NA	GRTZ4	01/26/98	20:30	C. Fenton	110.0	0	Hach Cell			C. Fenton	9614						
Notebook	NA	GRTZ4	01/27/98	07:15	C. Fenton	56.4	0	Hach Cell			C. Fenton	9614						
Notebook	NA	GRTZ4	01/27/98	16:37	C. Fenton	35.7	0	Hach Cell			C. Fenton	9614						
Notebook	NA	GRTZ4	01/28/98	07:20	C. Fenton	32.7	0	Hach Cell			C. Fenton	9614						
Notebook	NA	GRTZ4	01/28/98	22:55	C. Fenton	58.6	0	Hach Cell			C. Fenton	9614						
Notebook	NA	GRTZ4	01/29/98	07:10	C. Fenton	99.2	0	Hach Cell			C. Fenton	9614						
Notebook	NA	GRTZ4	01/30/98	07:05	C. Fenton	52.4	0	Hach Cell			C. Fenton	9614						
Notebook	NA	GRTZ4	01/31/98	09:00	C. Fenton	35.5	0	Hach Cell			C. Fenton	9614						
Notebook	NA	GRTZ4	02/01/98		C. Fenton	40.7	0	Hach Cell			C. Fenton	9614						
Notebook	NA	GRTZ4	02/02/98	07:15	C. Fenton	66.0	0	Hach Cell			C. Fenton	9614						
Notebook	NA	GRTZ4	02/03/98	07:16	C. Fenton	62.9	0	Hach Cell			C. Fenton	9614						
Notebook	NA	GRTZ4	02/04/98	07:19	C. Fenton	27.8	0	Hach Cell			C. Fenton	9614						
Notebook	NA	GRTZ4	02/04/98	21:59	C. Fenton	29.0	0	Hach Cell			C. Fenton	9614						
Notebook	NA	GRTZ4	02/05/98	10:20	C. Fenton	20.7	0	Hach Cell			C. Fenton	9614						
Notebook	NA	GRTZ4	02/05/98	21:17	C. Fenton	58.4	0	Hach Cell			C. Fenton	9614						
Notebook	NA	GRTZ4	02/06/98	07:15	C. Fenton	34.2	0	Hach Cell			C. Fenton	9614						
Notebook	NA	GRTZ4	02/06/98	17:00	C. Fenton	122.0	0	Hach Cell			C. Fenton	9614						
Notebook	NA	GRTZ4	02/07/98	09:42	C. Fenton	93.6	0	Hach Cell			C. Fenton	9614						
Notebook	NA	GRTZ4	02/07/98	15:41	C. Fenton	121.0	0	Hach Cell			C. Fenton	9614						
Notebook	NA	GRTZ4	02/07/98	20:28	C. Fenton	152.0	0	Hach Cell			C. Fenton	9614						
Notebook	NA	GRTZ4	02/08/98	08:45	C. Fenton	97.8	0	Hach Cell			C. Fenton	9614						
Notebook	NA	GRTZ4	02/08/98	19:45	C. Fenton	39.0	0	Hach Cell			C. Fenton	9614						

Final Filter	Sediment	Lab	Fine	Total	FTU	Date	Time	Raw	Stage	Discharge	Comments			
Weight g	Wt. G	Code	Mg/L	Mg/L	Turbidity			Stage		CFS				
					352				10.00		10" of water - rain starts early am - site A			
					236				15"		Hvy Rain			
					100						Light Rain			
					69.5				10"		Drizzle , Falling Limb			
					38.6				7"					
					40.5				9"		end of storm			
					32.8				6"		drizzle - rising limb - new storm			
					26.3				6"					
					31.8									
					30				5"		drizzly			
					21.4				4"		cloudy			
					311				10"		drizzly			
					110				10"		drizzly			
					56.4				7"		p cloudy			
					35.7				7"		p cloudy			
					32.7				7"		p cloudy new storm			
					58.6				10"		pouring rain			
					99.2				11"		falling limb, cloudy, still site A Grotzman			
					52.4				7"		p cloudy			
					35.5						drizzly			
					40.7									
					66						p cloudy			
					62.9				7"		p cloudy			
					27.8				5"		drizzly - tail end of storm			
					29				5"		p cloudy			
					20.7				5"		p cloudy			
					58.4				7"		light drizzle			
					34.2				7"		11 seconds			
					122				8"		9 seconds - falling limb p cloudy			
					93.6				8"		6 seconds - rising limb			
					121				9"		7 seconds falling limb			
					152				11"		Falling Limb -			
					97.8				12" ?		7 seconds falling limb downpour 20:00 last night			
					39						Falling Limb -			

Sign-in	Data Sheet	Location	Date	Time	Sampled	Turbidity	Tur.	Container	Turbidity	Turbidity	Turbidity	Tum	Tare Bottle	Total Bottle	Volume/	Filter	Filter	Initial Filter
Page #	#		Sampled	Sampled	By	FTU	Code	Type	Date run	Time run	By	S/N	Weight g	Weight g	Bottle Wt.	Total	ID	Weight g
Notebook	NA	GRTZ4	02/09/98	07:15	C. Fenton	41.2	0	Hach Cell			C. Fenton	9614						
Notebook	NA	GRTZ4	02/09/98	20:38	C. Fenton	29.8	0	Hach Cell			C. Fenton	9614						
Notebook	NA	GRTZ4	02/10/98	07:10	C. Fenton	40.7	0	Hach Cell			C. Fenton	9614						
Notebook	NA	GRTZ4	02/10/98	16:30	C. Fenton	38.9	0	Hach Cell			C. Fenton	9614						
Notebook	NA	GRTZ4	02/10/98	17:30	C. Fenton	50.3	0	Hach Cell			C. Fenton	9614						
Notebook	NA	GRTZ4	02/10/98	22:35	C. Fenton	56.0	0	Hach Cell			C. Fenton	9614						
Notebook	NA	GRTZ4	02/11/98	08:00	C. Fenton	47.4	0	Hach Cell			C. Fenton	9614						
Notebook	NA	GRTZ4	02/14/98	17:30	C. Fenton	57.3	0	Hach Cell			C. Fenton	9614						
Notebook	NA	GRTZ4	02/14/98	08:45	C. Fenton	161.0	0	Hach Cell			C. Fenton	9614						
Notebook	NA	GRTZ4	02/14/98	11:19	C. Fenton	281.0	0	Hach Cell			C. Fenton	9614						
Notebook	NA	GRTZ4	02/19/98	07:09	C. Fenton	317.0	0	Hach Cell			C. Fenton	9614						
Notebook	NA	GRTZ4	02/19/98	16:15	C. Fenton	219.0	0	Hach Cell			C. Fenton	9614						
Notebook	NA	GRTZ4	02/21/98	09:10	C. Fenton	825.0	0	Hach Cell			C. Fenton	9614						
Notebook	NA	GRTZ4	02/21/98	12:15	C. Fenton	946.0	0	Hach Cell			C. Fenton	9614						
Notebook	NA	GRTZ1	02/21/98	15:00	C. Fenton	345.0	0	Hach Cell			C. Fenton	9614						
Notebook	NA	GRTZ4	02/22/98		C. Fenton	63.6	0	Hach Cell			C. Fenton	9614						
	5	GRTZ4	11/08/98	12:30	C. Fenton			DIS			C. Fenton	9614	378	772	394.0	1 1	84	0.12823
	5	GRTZ4	11/08/98	12:31	C. Fenton			Hach Cell			C. Fenton	9614	18.2	36.4	18.2	1 1	85	0.12592
4	19	GRTZ4	11/21/98	10:30	C. Fenton	3000+	1	DIS	12/5/98		C. Fenton	9614	371.5	841.8	470.3	1 14	326	0.12046
4	19	GRTZ4	11/21/98	10:30	C. Fenton	3000+	1	DIS	12/5/98		C. Fenton	9614	371.5	841.8	470.3	2 14	327	0.11978
4	19	GRTZ4	11/21/98	10:30	C. Fenton	3000+	1	DIS	12/5/98		C. Fenton	9614	371.5	841.8	470.3	3 14	328	0.11201
4	19	GRTZ4	11/21/98	10:30	C. Fenton	3000+	1	DIS	12/5/98		C. Fenton	9614	371.5	841.8	470.3	4 14	329	0.11226
4	19	GRTZ4	11/21/98	10:30	C. Fenton	3000+	1	DIS	12/5/98		C. Fenton	9614	371.5	841.8	470.3	5 14	330	0.11619
4	19	GRTZ4	11/21/98	10:30	C. Fenton	3000+	1	DIS	12/5/98		C. Fenton	9614	371.5	841.8	470.3	6 14	331	0.11464
4	19	GRTZ4	11/21/98	10:30	C. Fenton	3000+	1	DIS	12/5/98		C. Fenton	9614	371.5	841.8	470.3	7 14	332	0.11345
4	19	GRTZ4	11/21/98	10:30	C. Fenton	3000+	1	DIS	12/5/98		C. Fenton	9614	371.5	841.8	470.3	8 14	333	0.11254
4	19	GRTZ4	11/21/98	10:30	C. Fenton	3000+	1	DIS	12/5/98		C. Fenton	9614	371.5	841.8	470.3	9 14	334	0.11699
4	19	GRTZ4	11/21/98	10:30	C. Fenton	3000+	1	DIS	12/5/98		C. Fenton	9614	371.5	841.8	470.3	10 14	335	0.11434
4	19	GRTZ4	11/21/98	10:30	C. Fenton	3000+	1	DIS	12/5/98		C. Fenton	9614	371.5	841.8	470.3	11 14	336	0.11574
4	19	GRTZ4	11/21/98	10:30	C. Fenton	3000+	1	DIS	12/5/98		C. Fenton	9614	371.5	841.8	470.3	12 14	337	0.1122
4	19	GRTZ4	11/21/98	10:30	C. Fenton	3000+	1	DIS	12/5/98		C. Fenton	9614	371.5	841.8	470.3	13 14	338	0.11245
4	19	GRTZ4	11/21/98	10:30	C. Fenton	3000+	1	DIS	12/5/98		C. Fenton	9614	371.5	841.8	470.3	14 14	339	0.11467

Final Filter	Sediment	Lab	Fine	Total	FTU	Date	Time	Raw	Stage	Discharge	Comments			
Weight g	Wt. G	Code	Mg/L	Mg/L	Turbidity			Stage		CFS				
					41.2				6"		cloudy falling limb			
					29.8				8"		high clouds steady			
					40.7				7"		10 sec cloudy rising? Storm coming			
					38.9				8"		9 seconds heavy rain			
					50.3				7"		8 seconds pouring - lightning			
					56				8"		cloudy / moon			
					47.4				6"		9 seconds falling limb drizzle			
					57.3				11"		7 seconds pouring rain			
					161				9.5"		pouring - lightning - rising			
					281				9"		7 seconds - cloudy - intermittent rain			
					317				10"		6 seconds - 2 hours after downpour 0.89" rain			
					219				20"		4 seconds rain			
					825				28"		5 sec poured 2:30 am			
					946				28"		5 sec pictures			
					345						100 yards up from end of Beverly Drive picture			
					63.6				14"		8 sec cloudy			
0.13288	0.00465	0	11.8	11.8	30.1	11/8/98	12:30							
0.12576	-0.00016	1	-8.8	-8.8	31	11/8/98	12:31							
0.1522	0.03174	0	67.5		3000+	11/21/98	10:30	24-36"			DH-48 Sampler			
0.15479	0.03501	0	74.4		3000+	11/21/98	10:30	24-36"			1-vertical			
0.14052	0.02851	0	60.6		3000+	11/21/98	10:30	24-36"			mid flow			
0.14199	0.02973	0	63.2		3000+	11/21/98	10:30	24-36"			stage approx.			
0.15319	0.03700	0	78.7		3000+	11/21/98	10:30	24-36"			24-36"			
0.15605	0.04141	0	88.1		3000+	11/21/98	10:30	24-36"			unable to dilute to read			
0.24275	0.12930	0	275.0		3000+	11/21/98	10:30	24-36"			turbidity			
0.26007	0.14753	0	313.8		3000+	11/21/98	10:30	24-36"			stopped at 4th dilution			
0.51642	0.39943	0	849.8		3000+	11/21/98	10:30	24-36"						
0.65195	0.53761	0	1143.9		3000+	11/21/98	10:30	24-36"						
1.25882	1.14308	0	2434.2		3000+	11/21/98	10:30	24-36"						
0.97095	0.85875	0	1828.0		3000+	11/21/98	10:30	24-36"						
0.11227	-0.00018	1	-0.4		3000+	11/21/98	10:30	24-36"						
0.15481	0.04014	0	85.4	7362.6	3000+	11/21/98	10:30	24-36"						

Beith Creek																			
Humboldt County, California																			
Hydrologic Year 01																			
Compiled by C. Fenton																			
Grab Sampling: Turbidity / Suspended Sediment Data - provisional																			
Salmon Forever / Sunny Brae Sediment Lab																			
Sign-in	Data Sheet	Sample	Location	Date	Time	Sampled	Container	Turbidity	Tur.	Turbidity	Turbidity	Turbidity	Turn#	Tare Bottle	Total Bottle	Volume/	Filter	Filter	
Page #	#	ID#	Sampled	Sampled	Sampled	By	Type	FTU	Code	Date run	Time run	By	Weight g	Weight g	Bottle Wt.	Total	ID		
		na	BET/G.C.RD	08/06/00	15:35	C. Fenton	Hach Cell	0.97	0	8/6/00	15:36	C. Fenton	9614						
2		01GR 0253	BET/G.C.	09/02/00	11:30	C. Fenton	Hach Cell	1.62	0	9/2/00	18:06	C. Fenton	9614						
2	na	01GR 0002	BET1	10/19/00	17:30	C. Fenton	Hach Cell	0.69	0	10/19/00	17:32	C. Fenton							
2	6	01GR 0107	BET1	10/28/00	09:37	C. Fenton	Hach Cell	3.56	0	12/3/00	22:40	C. Fenton	22423	18.1	37.1	19.0	1	1	98
	6	01GR 0029	BET1	10/30/00	07:00	R. Moore	Hach Cell	11	0	11/2/00	19:45	C. Fenton	9614	18.3	35.0	16.7	1	1	100
2	6	01GR 0027	BET1	11/13/00	17:45	R. Moore	Hach Cell	56.3	0	11/14/00		R. Moore	9614	18.0	38.3	20.3	1	1	103
5	6	01GR 0122	BET1	11/29/00	07:17	C. Fenton	Hach Cell	118	0	11/29/00	07:20	C. Fenton		18.1	37.0	18.9	1	1	108
70		01GR 0025	BET1	11/29/00	08:40	R. Moore	Hach Cell	63.5	0	3/8/01	11:13	C. Fenton	22423						
70		01GR 0111	BET1	01/08/01	11:35	R. Moore	Hach Cell	47	0	3/8/01	11:16	C. Fenton	22423						
17		01GR 0106	BET1	01/25/01	09:21	C. Fenton	Hach Cell	14.5	0	1/25/01	17:51	C. Fenton	22441						
58		01GR 0639	BET1	02/21/01	07:09	C. Fenton	Hach Cell	26.3	0	3/1/01	10:42	D. Vdyke	22423						
60		01GR 0721	BET1	03/04/01	13:26	C. Fenton	Hach Cell	12.9	0	3/4/01	21:45	C. Fenton	22423						
		01GR 0109	BET1	04/06/01	17:00	R. Moore	Hach Cell	229	0	4/25/01	16:07	C. Fenton	9614						
18		01GR 0350	BET2	01/06/01	14:40	K. Willits	Hach Cell	6.39	0	1/6/01	14:46	C. Fenton							
18		01GR 0351	BET2	01/08/01	15:32	K. Willits	Hach Cell	24.4	0	1/20/01	12:24	C. Fenton							
18		01GR 0352	BET2	01/09/01	16:17	K. Willits	Hach Cell	17.4	0	1/20/01	12:25	C. Fenton							

Beith Creek															
Humboldt County, California															
Hydrologic Year 01															
Grab Sampling: Turbidity / Suspended Sediment Data - provisional															
Salmon Forever / Sunny Brae Sediment Lab							Stage is measured at staff gage				Floating Object				
Initial Filter	Final Filter	Sediment	Lab	Fine Sed.	Total	FTU	Date	Time	Raw	Stage	Discharge	Vel. Strand	Velocity	Velocity	Comments
Weight g	Weight g	Wt.	Code	Mg/L	Mg/L	Turbidity	Sampled	Sampled	Stage		CFS	hi or lo	distance	sec.	
						0.97	08/06/00	15:35							Beith downstream of Golf Course Road
						1.62	09/02/00	11:30	2"						
						0.69	10/19/00	17:30		0.26					No SSC - Baseline - New Staff gage
0.11126	0.11132	0.00006	0	3.16	3.16	3.56	10/28/00	09:37		0.39					
0.11337	0.11379	0.00042	0	25.15	25.15	11	10/30/00	07:00		0.5		hi	10'	9.00	peak stage 10-29 9pm
0.11265	0.11398	0.00133	0	65.52	65.52	56.3	11/13/00	17:45		0.65		hi	10'	5.50	rain start 11-13 5am
0.11247	0.11446	0.00199	0	105.30	105.3	118	11/29/00	07:17		0.8					
						63.5	11/29/00	08:40		0.8		hi	10'	8.50	Rain start 11-28-00 22:00
						47	01/08/01	11:35		0.67		hi	10	5.00	rain start 1-7-01 19:00
						14.5	01/25/01	09:21		0.6					raining
						26.3	02/21/01	07:09		0.62					
						12.9	03/04/01	13:26		0.5					Took Discharge - 73" from bridge deck down to water surface
						229	04/06/01	17:00		0.73		hi	10'	4.50	After steady rain for 1,5 days
						6.39	01/06/01	14:40		0.52		hi	10'	16.72	Karissa Willits
														15.61	Sunny Brae School Science Project
														17.37	
						24.4	01/08/01	15:32		0.95		hi	10'	15.17	sunny after storm
														15.56	
														12.62	
						17.4	01/09/01	16:17		0.86		hi	10'	14.40	stormy
														16.32	
														18.47	

18		01GR 0346	BET2	01/10/01	15:22	K. Willits	Hach Cell	60.2	0	1/20/01	12:26	C. Fenton							
	10	01GR 0348	BET2	01/11/01	14:12	K. Willits	Hach Cell	10.3	0	2/11/01	11:53	C. Fenton	22423	18.0	37.6	19.6	1	1	175
18		01GR 0347	BET2	01/14/01	16:34	K. Willits	Hach Cell	11.2	0	1/20/01	12:32	C. Fenton							
18		01GR 0305	BET2	01/16/01	16:24	K. Willits	Hach Cell	5.68	0	1/20/01	12:34	C. Fenton							
14 / 18		01GR 0306	BET2	01/20/01	22:16	K. Willits	Hach Cell	7.23	0	1/20/01	12:32	C. Fenton							
14		01GR 0606	BET2	02/24/01	12:09	K. Willits	Hach Cell	11.9	0	2/26/01	19:05	C. Fenton	22423						
14	10	01GR 0307	BET2	01/23/01	17:27	K. Willits	Hach Cell	78.1	0	2/11/01	11:47	C. Fenton	22423	18.2	37.3	19.1	1	1	176
14	10	01GR 0308	BET2	01/25/01	11:33	K. Willits	Hach Cell	15	0	2/11/01	11:49	C. Fenton	22423	18.2	37.8	19.6	1	1	177
14	10	01GR 0309	BET2	01/29/01	14:05	K. Willits	Hach Cell	13.4	0	2/11/01	11:50	C. Fenton	22423	18.3	38.1	19.8	1	1	178
14	10	01GR 0310	BET2	02/09/01	11:53	K. Willits	Hach Cell	17.1	0	2/11/01	11:52	C. Fenton	22423	18.1	37.6	19.5	1	1	179
14		01GR 0604	BET2	02/21/01	16:13	K. Willits	Hach Cell	24.4	0	2/26/01	19:01	C. Fenton	22423						
14		01GR 0605	BET2	02/22/01	13:51	K. Willits	Hach Cell	40.1	0	2/26/01	19:03	C. Fenton	22423						
60		01GR 0723	BET2	03/04/01	12:07	C. Fenton	Hach Cell	13.4	0	3/4/01	12:21	C. Fenton	22423						

						60.2	01/10/01	15:22		1.06		hi	10'	9.04	overcast after storm		
														8.12			
														8.02			
0.11140	0.11186	0.00046	0	23.47	23.47	10.3	01/11/01	14:12		0.88		hi	10'	12.63	sunny after storm		
														12.11			
														10.63			
						11.2	01/14/01	16:34		0.75		hi	10'	15.25	sunny & windy		
														14.28			
														14.82			
						5.68	01/16/01	16:34		0.7		hi	10'	11.57	sunny		
														16.30			
														9.54			
						7.23	01/20/01	22:16		0.65		hi	10'	16.45	overcast		
														10.47			
														11.43			
						11.9	02/24/01	12:09		0.87		hi	10'	6.98	foggy		
														9.77			
														8.28			
0.11129	0.11353	0.00224	0	117.29	117.29	78.1	01/23/01	17:27		1.1		hi	10'	9.80	rainy		
														11.91			
														12.03			
0.10679	0.10731	0.00052	0	26.53	26.53	15	01/25/01	11:33		1.02		hi	10'	8.81	sunny		
														8.89			
														9.10			
0.10928	0.10960	0.00032	0	16.16	16.16	13.4	01/29/01	14:05		0.94		hi	10'	7.31	sunny		
														6.34			
														6.27			
0.11100	0.11127	0.00027	0	13.85	13.85	17.1	02/09/01	11:53		0.78		hi	10'	9.33	foggy & rainy		
														7.28			
														8.57			
						24.4	02/21/01	16:13		0.95		hi	10'	8.83	rainy & windy		
														6.58			
														6.76			
						40.1	02/22/01	13:51		1.18		hi	10'	7.10	break in storm		
														6.80			
						13.4	03/04/01	12:07		0.82					No ssc - took discharge		

			BET3	08/06/00	15:50	C. Fenton	Hach Cell	6.58	0	8/6/00	15:55	C. Fenton	9614					
3		01GR 0252	BET3	09/02/00	11:15	C. Fenton	Hach Cell	7.86	0	9/2/00	18:03	C. Fenton	9614					
		01GR 0464	BET3	02/20/01	15:00	Cassie E.	Hach Cell	44.5	0	2/20/01	15:49	S. Farhi	22423					
79		01GR 0465	BET3	02/21/01	06:21	S. Farhi	Hach Cell	105	0	3/19/01	13:50	S. Farhi	22423					
79		01GR 0467	BET3	02/21/01	07:08	S. Farhi	Hach Cell	97.3	0	3/19/01	13:54	S. Farhi	22423					
79		01GR 0239	BET3	02/21/01	16:55	S. Farhi	Hach Cell	38.1	0	3/19/01	13:57	S. Farhi	22423					
				02/21/01	16:55													
				02/21/01	16:55													
				02/21/01	16:55													
				02/21/01	16:55													
79		01GR 0082	BET3	02/21/01	17:30	S. Farhi	Hach Cell	48.2	0	3/19/01	14:00	S. Farhi	22423					
79		01GR 0710	BET3	03/01/01	19:00	Cassie E.	Hach Cell	2.97	0	3/19/01	13:38	S. Farhi	22423					
79		01GR 0708	BET3	03/01/01	23:00	Cassie E.	Hach Cell	12.1	0	3/19/01	13:39	S. Farhi	22423					
79		01GR 0709	BET3	03/02/01	01:30	Cassie E.	Hach Cell	25.3	0	3/19/01	13:42	S. Farhi	22423					
79		01GR 0711	BET3	03/04/01	13:30	Cassie E.	Hach Cell	22.1	0	3/19/01	13:44	S. Farhi	22423					
79		01GR 0707	BET3	03/04/01	18:50	Cassie E.	Hach Cell	104	0	3/19/01	13:47	S. Farhi	22423					
101		01GR 0800	BET3	04/02/01	11:15	S. Farhi	Hach Cell	79.5	0	4/20/01	15:07	S. Farhi						
101		01GR 0782	BET3	04/02/01	11:45	S. Farhi	Hach Cell	101	0	4/20/01	15:11	S. Farhi						

					6.58	08/06/00	15:55	2"	0.95		hi	4.0'	3.50	Beith downstream of Old Arcata Road -		
													3.60	staff gage		
													3.40			
					7.86	09/02/00	11:15		0.95		HI	7	2.82	Beith Dnstrm OAR staff gage - no ssc		
													3.10			
													2.51			
					44.5	02/20/01	15:00		0.28					light rain last 1.5 hours		
					105	02/21/01	06:21	4.5"						Light rain started 1.75 hours earlier		
					97.3	02/21/01	07:08	3.1"	0.31					Overcast no rain in 2 hours		
					38.1	02/21/01	16:55	4"	0.36		HI	10'	3.48	Steady rain 44" culvert		
													4.19			
													3.13			
											LO	10'	4.74			
													5.12			
													4.48			
					48.2	02/21/01	17:30	4.5"	0.45					steady rain		
					2.97	03/01/01	19:00	0.18'	0.18					culvert invert 42.2" no rain presently		
					12.1	03/01/01	23:00		0.24					raining steady - culvert invert 41,6"		
					25.3	03/02/01	01:30		0.3					Culvert invert 41 "		
														heavy rain rain start 3/3/01 12:00		
					22.1	03/04/01	13:30		0.25					Culvert invert 41.5" rained all night		
														currently light sprinkling		
					104	03/04/01	18:50		0.56					Culvert invert 38.4" heavy rain		
					79.5	04/02/01	11:15		0.45			10'	5.67			
													4.44			
													3.62			
					101	04/02/01	11:45		0.26			10'	6.17			
													7.01			
													5.54			