By C. Fenton

4/15/01

HY 00

Hach Cell Grab Sampling

Grab Sample correlation with ISCO Pump Sampling and Depth Integrated Sampling

Station FTR - Freshwater Creek Ca

Salmon Forever / Watershed Watch

Provisional

Grab Sample data from FTR/Grab/00.xls

ISCO ssc from FTR/isco/qc split00.xls

OBS-3 data from sed file FTR HY00

All HACH Cell samples were taken grab sampling by hand from the bank next to the OBS-3 probe and ISCO boom

Grab samples were taken before, during, and after ISCO and DIS sampling.

All DIS sampling was by crane from bridge 70 feet downstream of ISCO boom.

DIS Total is average

ISCO Bottle							HACH Cell							Depth-Integrated				
													HACH	Bottle		DIS		DS
							HY 00				HACH	HACH	Sand	DIS	Bottle	Sand	DIS	Total
				OBS-3	ISCO Bot.	ISCO	sign in				FTU	Total	Fraction	NTU	DIS	Frac.	Total	Sand Fr.
Date	Time	Dump	Bottle	Turbidity	FTU	Mg/L	page #	Loc.	Date	Time	Turbidity	Mg/l	Mg/L	Turbidity	Mg/L	Mg/L	Mg/L	Mg/L
							1	FTR	10/27/99	16:13	3.31	-0.54						
							4	FTR	11/19/99	17:04	9.85	35.39						
							10	FTR	11/16/99	17:59	86.9							
11/30/99	17:45	6	2	150		262.9	5	FTR	11/30/99	17:45	198	240.54						
11/30/99	17:54						5	FTR	11/30/99	17:54	192	201.99						
12/2/99	9:15	6	3	28		30.4	5	FTR	12/02/99	9:16	28.6	-5.64						
12/7/99	9:30	7	2	21		17.4	8	FTR	12/07/99	9:30	22.2	20.74						
12/9/99	9:00	7	6	70		82.0	9	FTR	12/09/99	9:00	71.6	44.66						
12/13/99	9:15	7	13	44		32.0	9	FTR	12/13/99	9:13	43.4	15.54						
12/31/99	14:00	8	4	3		0.5	11	FTR	12/31/99	14:01	2.25	-3.50						
01/10/00	17:45	9	1	13		7.6	12	FTR	01/10/00	17:46	16.2	27.00						
01/11/00	16:42	HACHw/DIS					13	FTR	01/11/00	16:42	179	276.24						
01/11/00	18:12						13	FTR	01/11/00	18:12	156	229.62						
1/11/00	18:15	DIS/9	18				13	FTR	01/11/00	18:15				146.00	468.9			
1/11/00	18:18	DIS/9	18				13	FTR	01/11/00	18:18				164.00	232.2			
1/11/00	18:20	DIS/9	18				13	FTR	01/11/00	18:20				166.00	250.3		317.1	
01/11/00	18:25						13	FTR	01/11/00	18:25	150	149.29						
01/11/00	19:30	10	1	125		212.3	13	FTR	01/11/00	19:31	147	220.82						

of each individual DIS Bottle

Type	Time	Stage	Comments
H	16:13	0.28	next to boom; field form has 16:31 as time
H	17:04		OBS-3 check
H	17:59		
H/ISCO	17:45	2.1	Isco aux dump #6 bottle #2, correlate
H	17:54	2.1	check on FTR 17:45
H/ISCO	9:16	0.94"	staff plate; aux match 06 FTR 03 correlate - 65.524 CFS
H/ISCO	9:30		data sheet has as bottle unrecorded but sign in sheet has Hach; correlate with cump 07 bottle #2
H/ISCO	9:00		correlate w/aux isco #6 dump#6 / no Dump 6 Bot #6 / is dump7 Bot#6
H/ISCO	9:13	1.510'	correlate w dump 7 bottle #13
H/ISCO	14:01		correlate with ISCO dump #8 bottle #4
H/ISCO	17:46		correlate with dump 9 bottle #1
H	16:42	2.01	correlate DIS
H	18:12	1.94	correlate DIS - before sampling
DIS	18:15		Depth Integrated - 5,7,9,11,13,; 1 of 3; 150 cc; correlate with H;
DIS	18:18		Depth Integrated 15-25; 2 of 3; 200 cc; correlate with H
DIS	18:20	1.9	Depth Integrated 27-31; 3 of 3; 100 cc; correlate with H
H	18:25	1.9	correlate w/DIS - after sampling
H	19:31	1.85	aux; dump 10 bottle 1

01/11/00	19:45	10	2	126		219.0	13	FTR	01/11/00	19:38	140	189.80						
1/11/00	19:40	DIS / 10	2				13	FTR	01/11/00	19:40				146	239.8			
1/11/00	19:45	DIS / 10	2				13	FTR	01/11/00	19:45				144	201.2		220.5	
01/11/00	19:48						13	FTR	01/11/00	19:48	139	184.29						
01/11/00	21:45	10	3	117		179.6	13	FTR	01/11/00	21:41	118	140.32						
01/11/00	21:43	DIS / 10	3				13	FTR	01/11/00	21:43				117	153.8			
01/11/00	21:47	DIS / 10	3				13	FTR	01/11/00	21:47				124	173.2		163.5	
01/11/00	21:52						13	FTR	01/11/00	21:52	115	348.16						
01/12/00	14:15	10	5	58		67.2	13	FTR	01/12/00	14:15	54.2	29.09						
01/13/00	10:56						18	FTR	01/13/00	10:56	33.3	18.29						
01/13/00	10:56						18	FTR	01/13/00	10:56	34.3	14.29						
01/14/00	11:30						21	FTR	01/14/00	11:30	612	135.10	424.3					
01/17/00	10:30	12	1	39		46.9	22	FTR	01/17/00	10:30	41.5	38.66						
01/22/00	16:30	13	1	26		8.1	25	FTR	01/22/00	16:30	25.6	15.68						
01/27/00	18:00	13	6	21		8.0	28	FTR	01/27/00	18:00	20	10.20						
01/31/00	16:15	14	1	37		17.0	32	FTR	01/31/00	16:15	34.6	28.06						
02/05/00	15:15	15	1	20		17.6	35	FTR	02/05/00	15:15	21.6	9.45						
02/12/00	13:00						38	FTR	02/12/00	13:00	28	24.74						
02/14/00	6:45						38	FTR	02/14/00	6:45	476	921.10	399.8					
02/14/00	8:30						38	FTR	02/14/00	8:30	276	471.64						
02/14/00	12:37						42	FTR	02/14/00	12:37	862	331.67						
02/14/00	12:40	DIS / 16	14				40	FTR	02/14/00	12:40				936	2177.4	1024.9		
02/14/00	12:41	DIS / 16	14				40	FTR	02/14/00	12:41				998	2339.0	1152.8		
02/14/00	12:42	DIS / 16	14				40	FTR	02/14/00	12:42				973	1971.0	798.4		
02/14/00	12:43	DIS / 16	14				40	FTR	02/14/00	12:43				980	1971.7	793.4	214.8	1256.5
02/14/00	12:45	16	14	596		2022.1	42	FTR	02/14/00	12:45	922	266.50	231.6					
02/14/00	13:30	16	15	525		1450.7	42	FTR	02/14/00	13:30	953	642.70	675.4					
02/14/00	15:00	16	19	342		1009.2	42	FTR	02/14/00	14:55	542	792.10	210.8					
02/14/00	14:55	DIS/16	19				40	FTR	02/14/00	14:55				545	1259.9	724.1		
02/14/00	14:57	DIS/16	19				40	FTR	02/14/00	14:57				548	1354.5	717.3		

H	19:38	1.88	correlate w/DIS and dump 10 bottle 2						
DIS	19:40	1.88	1 of 2; 200 cc; correlate with H						
DIS	19:45	1.88	2 of 2; 210 cc; correlate with H						
H	19:48	1.88	correlate w/DIS						
H	21:41	1.78	correlate w dump 10 bottle 3						
DIS	21:43	1.78	1 of 2; 200 cc; correlate with H						
DIS	21:47	1.78	2 of 2; 210 cc; correlate with H						
H	21:52	1.78	correlate DIS						
H/ISCO	14:15		correlate dump 10 bottle 5						
H	10:56	0.95	rising; BOOM-1						
H	10:56	0.95	rising; BOOM-2						
3 x 8	11:30		Joyce's Notes						
H/ISCO	10:30		correlate with dump 12 bottle 1; hach/OBS-3-39.0						
H/ISCO	16:30	0.89	correlate with dump 13 bottle 1						
H/ISCO	18:00		correlate with dump 13 bottle 6			:			
H/ISCO	16:15		correlate with dump 14 bottle 1						
H/ISCO	15:15		correlate with dump 15 bottle 1						
H	13:00		hach correlate						
3 x 8	6:45	3.0'							
H	8:30		hach correlate						
H	12:37		by dilution; correlate with dump 16 bottle 14						
DIS	12:40		Bottle 1 of 4	by dilution; 1 of 4; RR correlate 9'to 15';					
DIS	12:41		Bottle 2 of 4	by dilution; 2 of 4; 17' to 23'; hach 12:37					
DIS	12:42		Bottle 3 of 4	by dilution; 3 of 4; 25' to 27'					
DIS	12:43		Bottle 4 of 4	by dilution; 4 of 4; 31' to 37'; RL					
H/ISCO	12:45		by dilution; correlate with dump 16 bottle 14						
H/ISCO	13:30		correlate with dump 16 bottle 15						
H/ISCO	14:55		correlate with dump 16 bottle 19						
DIS	14:55		Bottle 1 0f 4 - 4 filters per bottle			1 of 4; 9' to 17'			
DIS	14:57		Bottle 2 of 4	2 of 4; 19' to 23' falling stage; some sand lost in transit but less than 10%					

02/14/00	14:59	DIS/16	19				40	FTR	02/14/00	14:59				538	1073.1	454.4		
02/14/00	15:00	DIS/16	19				40	FTR	02/14/00	15:00				542	965.4	385.3	1163.2	570.3
02/14/00	15:03	16	19	?		1009.2	42	FTR	02/14/00	15:03	523	108.10	530.0					
02/14/00	16:45	17	1	293	433	689.6	42	FTR	02/14/00	16:45	444	775.60	271.8					
02/14/00	16:55	DIS/17	2				40	FTR	02/14/00	16:55				427.00	947.8	425.8		
02/14/00	16:57	DIS/17	2				40	FTR	02/14/00	16:57				434.00	931.7	432.1		
02/14/00	17:00	DIS/17	2				40	FTR	02/14/00	17:00				411.00	818.9	303.7		
02/14/00	17:01	DIS/17	2				40	FTR	02/14/00	17:01				412.00	766.4	286.8	866.2	362.1
02/14/00	17:45	17	3	286	372	662.2	42	FTR	02/14/00	17:40	393	799.60	327.8					
02/14/00	17:40	DIS/17	3				40	FTR	02/14/00	17:40				394.00	937.2			
02/14/00	17:41	DIS/17	3				40	FTR	02/14/00	17:41				371.00	876.4	400.1		
02/14/00	17:42	DIS/17	3				40	FTR	02/14/00	17:42				382.00	733.7	256.4		
02/14/00	17:43	DIS/17	3				40	FTR	02/14/00	17:43				382.00	726.4	234.4	818.4	
02/28/00	10:15	19	1	95	87	243.9	50	FTR	02/28/00	10:15	69.9							
02/28/00	20:26						????	FTR	02/28/00	20:26	61.9	77.02						
02/28/00	20:30	19	3	57			55	FTR	02/28/00	20:27				57.90	63.6			
04/15/00	15:14						74	FTR	04/15/00	15:14	21	21.03						
04/15/00	15:44						74	FTR	04/15/00	15:44	19.4	17.98						
05/26/00	15:02			4.0			77	FTR	05/26/00	15:02	2.72	0.54						

DIS	14:59		Bottle 3 of 4	3 of 4; 25' to 29'					
DIS	15:00		Bottle 4 of 4	4 of 4; OBS-3 350NTU; 31' to 37'; RL hach 15:03					
H/ISCO	15:03		correlate with dump 16 bottle 19						
H/ISCO	16:45		correlate with dump 17 bottle 1						
DIS	16:55		Bottle 1 of 4	1 of 4; 9' to 17'; OBS-3 293 NTU					
DIS	16:57		Bottle 2 of 4	2 of 4; 19' to 25'; hach 16:45					
DIS	17:00		Bottle 3 of 4	3 of 4; 27' to 31'					
DIS	17:01	3.8	Bottle 4 of 4 stage @17:04 = 3.80		4 of 4; 33' to 37' ; RL stage @ 17:04 3.80				
H/ISCO	17:40		correlate with dump 17 bottle 3						
DIS	17:40		1 of 4; 9' to 17'; OBS-3 271 NTU; staff plate @ 17:40 3.57						
DIS	17:41		2 of 4; 19'to 23';						
DIS	17:42		3 of 4; 25' to 31'						
DIS	17:43		4 of 4; 33' to 37' RL						
H/ISCO	10:15		This entry might be run as time 20:26; correlate dump 19 bottle 1						
H	20:26		page 55 of sign in sheet has FR for location,						
DIS	20:27		19 FTR 1; 1 of 2						
H	15:14	0.38	falling						
H	15:44	0.39	rising						
H	15:02		OBS-3 comparison; OBS-3 - 4.0 NTU						

Excel 98
Compiled by C. Fenton

Quality Control Filters #1 through # 228
Hydrologic Year 2000

Salmon Forever / Sunnybrae Sediment Lab
Final Weight minus Initial Weight
Difference in grams before and after processing

Mean	-0.00009	Skewness	1.08766
Standard Error	0.00002	Range	0.00301
Median	-0.00010	Minimum	-0.00154
Mode	-0.00006	Maximum	0.00147
Standard Deviation	0.00031	Sum	-0.01874
Sample Variance	0.00000	Count	214
Kurtosis	7.08857		

Used means used as a sample filter

Possible fiber loss in processing

Filter #	Data Sheet Date	Before Filter #	Initial Wt. grams	Final Wt. grams	Difference grams
QC 1	09/09/99	1	0.10707	0.10675	-0.00032
QC 2	09/09/99	10	0.10827	0.10773	-0.00054
QC 3	09/17/99	16	0.11320	0.11260	-0.00060
QC 4	09/17/99	24	0.10868	0.10807	-0.00061
QC 5	09/30/99	28	0.10750	0.10715	-0.00035
QC 6	09/30/99	37	0.10598	0.10562	-0.00036
QC 7	9-30-99a	40	0.11401	0.11362	-0.00039
QC 8	9-30-99a	50	0.10756	0.10718	-0.00038
QC 9	10/30/99	52	0.10619	0.10622	0.00003
QC 10	10/30/99	used	0.10917		
QC 11	10/30/99	61	0.11581	0.11539	-0.00042
QC 12	11/08/99	64	0.10903	0.10883	-0.00020
QC 13	11/08/99	73	0.10697	0.10666	-0.00031
QC 14	11/13/99	74	0.10829	0.10791	-0.00038
QC 15	11/20/99	80	0.10675	0.10619	-0.00056
QC 16	11/20/99	89	0.10686	0.10653	-0.00033
QC 17	11/20/99	98	0.10678	0.10636	-0.00042
QC 18	12/04/99	100	0.10650	0.10594	-0.00056
QC 19	12/04/99	after108	0.10967	0.10813	-0.00154
QC 20	12/12/99	109	0.10736	0.10709	-0.00027
QC 21	12/12/99	117	0.11531	0.11480	-0.00051
QC 22	12/12/99	127	0.10680	0.10631	-0.00049
QC23	12/12/99	137	0.10526	0.10491	-0.00035
QC24	12/12/99	146	0.10608	0.10553	-0.00055
QC25	12/17/99	155	0.11473	0.11467	-0.00006
QC26	12/17/99	164	0.10798	0.10787	-0.00011
QC27	01/08/00	182	0.10846	0.10821	-0.00025
QC28	12/17/99	173	0.10743	0.10741	-0.00002
QC29	01/14/99	191	0.10602	0.10565	-0.00037
QC30	01/15/00	198	0.10710	0.10651	-0.00059
QC31	01/15/00	209	0.10634	0.10588	-0.00046
QC32	01/16/00	211	0.10527	0.10482	-0.00045
QC33	01/16/00	220	0.10756	0.10724	-0.00032
QC34	01/16/00	229	0.10550	0.10513	-0.00037

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QC 2	09/09/99	10	0.10827	0.10773	-0.00054
QC 3	09/17/99	16	0.11320	0.11260	-0.00060
QC 4	09/17/99	24	0.10868	0.10807	-0.00061
QC 5	09/30/99	28	0.10750	0.10715	-0.00035
QC 6	09/30/99	37	0.10598	0.10562	-0.00036
QC 7	9-30-99a	40	0.11401	0.11362	-0.00039
QC 8	9-30-99a	50	0.10756	0.10718	-0.00038
QC 9	10/30/99	52	0.10619	0.10622	0.00003
QC 10	10/30/99	used	0.10917		
QC 11	10/30/99	61	0.11581	0.11539	-0.00042
QC 12	11/08/99	64	0.10903	0.10883	-0.00020
QC 13	11/08/99	73	0.10697	0.10666	-0.00031
QC 14	11/13/99	74	0.10829	0.10791	-0.00038
QC 15	11/20/99	80	0.10675	0.10619	-0.00056
QC 16	11/20/99	89	0.10686	0.10653	-0.00033
QC 17	11/20/99	98	0.10678	0.10636	-0.00042
QC 18	12/04/99	100	0.10650	0.10594	-0.00056
QC 19	12/04/99	after108	0.10967	0.10813	-0.00154
QC 20	12/12/99	109	0.10736	0.10709	-0.00027
QC 21	12/12/99	117	0.11531	0.11480	-0.00051
QC 22	12/12/99	127	0.10680	0.10631	-0.00049
QC23	12/12/99	137	0.10526	0.10491	-0.00035
QC24	12/12/99	146	0.10608	0.10553	-0.00055
QC25	12/17/99	155	0.11473	0.11467	-0.00006
QC26	12/17/99	164	0.10798	0.10787	-0.00011
QC27	01/08/00	182	0.10846	0.10821	-0.00025
QC28	12/17/99	173	0.10743	0.10741	-0.00002
QC29	01/14/99	191	0.10602	0.10565	-0.00037
QC30	01/15/00	198	0.10710	0.10651	-0.00059
QC31	01/15/00	209	0.10634	0.10588	-0.00046
QC32	01/16/00	211	0.10527	0.10482	-0.00045
QC33	01/16/00	220	0.10756	0.10724	-0.00032
QC34	01/16/00	229	0.10550	0.10513	-0.00037

QC35	01/17/00	234	0.10533	0.10490	-0.00043
QC36	01/17/00	243	0.10569	0.10597	0.00028
QC37	01/17/00	246	0.10568	0.10559	-0.00009
QC38	01/22/00	250	0.10528	0.10500	-0.00028
QC39	01/22/00	261	0.10480	0.10445	-0.00035
QC40	01/22/00	263	0.10652	0.10639	-0.00013
QC41	01/22/00	274	0.11056	0.11060	0.00004
QC42	01/22/00	280	0.10957	0.10929	-0.00028
QC43	01/23/00	283	0.10974	0.10953	-0.00021
QC44	01/23/00	297	0.10919	0.10906	-0.00013
QC45	01/23/00	303	0.11238	0.11202	-0.00036
QC46	01/23/00	312	0.11101	0.11072	-0.00029
QC47	01/23/00	321	0.11061	0.11035	-0.00026
QC48	01/23/00	330	0.10994	0.11125	0.00131
QC49	01/23/00	337	0.11161	0.11133	-0.00028
QC50	01/23/00	346	0.11015	0.10997	-0.00018
QC51	hole		0.11093		
QC52	hole		0.11056		
QC53	hole		0.11262		
QC54	hole		0.11106		
QC55	01/29/00	352	0.10948	0.10984	0.00036
QC56	hole		0.11016		
QC57	01/29/00	370	0.11315	0.11301	-0.00014
QC58	01/29/00	357	0.11049	0.11043	-0.00006
QC59	01/29/00	371	0.10992	0.10993	0.00001
QC60	01/29/00	380	0.11047	0.11059	0.00012
QC61	01/29/00	390	0.10945	0.10970	0.00025
QC62	01/30/00	395	0.10909	0.10916	0.00007
QC63	01/30/00	404	0.11174	0.11213	0.00039
QC64	01/31/00	406	0.10971	0.10947	-0.00024
QC65	01/31/00	415	0.10995	0.10992	-0.00003
QC66	01/31/00	424	0.11263	0.11254	-0.00009
QC67	02/04/00	425	0.10883	0.10864	-0.00019
QC68	02/04/00	434	0.11262	0.11235	-0.00027
QC69	02/04/00	443	0.10972	0.10932	-0.00040
QC70	02/04/00	452	0.11081	0.11065	-0.00016
QC71	02/05/00	460	0.10973	0.10962	-0.00011
QC72	02/05/00	468	0.11029	0.11011	-0.00018
QC73	02/06/00	474	0.10976	0.10968	-0.00008
QC74	02/06/00	484	0.11029	0.11033	0.00004
QC75	02/06/00	485	0.10924	0.10914	-0.00010
QC76	02/06/00	491	0.11269	0.11265	-0.00004
QC77	02/06/00	501	0.11663	0.11661	-0.00002
QC78	02/06/00	510	0.11201	0.11213	0.00012
QC79	02/06/00	520	0.11120	0.11135	0.00015
QC80	02/06/00	528	0.11243	0.11252	0.00009
QC81	02/11/00	529	0.11534	0.11581	0.00047
QC82	02/11/00	539	0.11092	0.11085	-0.00007
QC83	02/12/00	540	0.11340	0.11344	0.00004
QC84	02/12/00	549	0.10949	0.10941	-0.00008
QC85	02/12/00	554	0.11485	0.11475	-0.00010
QC86	02/17/00	558	0.11121	0.11112	-0.00009
QC87	02/17/00	567	0.11113	0.11099	-0.00014

QC88	02/20/00	568	0.11079	0.11051	-0.00028
QC89	02/21/00	572	0.11024	0.11034	0.00010
QC90	02/21/00	581	0.11390	0.11398	0.00008
QC91	02/21/00	590	0.11077	0.11077	0.00000
QC92	02/23/00	592	0.11053	0.11050	-0.00003
QC93	02/23/00	600	0.11423	0.11457	0.00034
QC94	02/26/00	601	0.10960	0.10964	0.00004
QC95	02/26/00	606	0.11122	0.11125	0.00003
QC96	03/01/00	607	0.11162	0.11179	0.00017
QC97	03/01/00	617	0.11008	0.11030	0.00022
QC98	03/16/00	626	0.11500	0.11500	0.00000
QC99	03/01/00	635	0.11381	0.11422	0.00041
QC100	03/04/00	639	0.11157	0.11172	0.00015
QC101	03/04/00	648	0.11179	0.11191	0.00012
QC102	03/04/00	657	0.11055	0.11062	0.00007
QC103	03/04/00	666	0.11181	0.11192	0.00011
QC104	03/10/00	673	0.11407	0.11372	-0.00035
QC105	03/13/00	379	0.11640	0.11633	-0.00007
QC106	03/13/00	689	0.11376	0.11405	0.00029
QC107	03/13/00	698	0.11237	0.11229	-0.00008
QC108	03/14/00	702	0.11215	0.11204	-0.00011
QC109	03/26/00	717	0.11667	0.11641	-0.00026
QC110	03/26/00	726	0.11292	0.11274	-0.00018
QC111	03/26/00	736	0.11289	used	
QC112	03/26/00	738	0.11461	0.11455	-0.00006
QC113	03/29/00	746	0.11609	0.11600	-0.00009
QC114	03/29/00	755	0.11282	0.11273	-0.00009
QC115	04/05/00	763	0.11300	0.11291	-0.00009
QC116	04/05/00	771	0.11370	0.11374	0.00004
QC117			0.11469		
QC118	03/06/00	782	0.11313	0.11273	-0.00040
QC119	03/06/00	792	0.11224	0.11203	-0.00021
QC120	03/06/00	800	0.11325	0.11301	-0.00024
QC121	04/23/00	801	0.11500	0.11479	-0.00021
QC122	04/23/00	805	0.11401	0.11343	-0.00058
QC123	04/23/00	F118	0.11180	0.11190	0.00010
QC124	04/28/00	812	0.11648	0.11614	-0.00034
QC125	04/28/00	F126	0.11651	0.11614	-0.00037
QC126	05/05/00	817	0.11459	0.11460	0.00001
QC127	05/05/00	826	0.11275	0.11258	-0.00017
QC128	05/05/00	835	0.11323	0.11314	-0.00009
QC129	05/06/00	839	0.11507	0.11466	-0.00041
QC130	05/06/00	848	0.11446	0.11415	-0.00031
QC131	05/06/00	853	0.11242	0.11218	-0.00024
QC132	05/06/00	864	0.11186	0.11185	-0.00001
QC133	05/06/00	873	0.11569	0.11604	0.00035
QC134	05/09/00	874	0.11395	0.11383	-0.00012
QC135	05/09/00	884	0.11273	0.11261	-0.00012
QC136	05/11/00	888	0.11120	0.11093	-0.00027
QC137	05/11/00	897	0.11631	0.11634	0.00003
QC138	05/11/00	906	0.11500	0.11500	0.00000
QC139	05/15/00	916	0.11006	0.10995	-0.00011
QC140	05/15/00	925	0.11254	0.11243	-0.00011

QC141	05/16/00	933	0.11324	0.11325	0.00001
QC142	05/16/00	942	0.11640	0.11634	-0.00006
QC143	05/16/00	943	0.11264	0.11258	-0.00006
QC144	05/18/00	952	0.11055	0.11053	-0.00002
QC145	05/18/00	967	0.11588	0.11586	-0.00002
QC146	05/24/00	968	0.11325	0.11316	-0.00009
QC147	05/24/00	977	0.11554	0.11588	0.00034
QC148	05/24/00	986	0.11626	0.11636	0.00010
QC149			0.11697		
QC150			0.11212		
QC151			0.11381		
QC152	05/27/00	1016	0.11513	0.11502	-0.00011
QC153	05/27/00	1024	0.11638	0.11671	0.00033
QC154	05/27/00	1031	0.11348	0.11401	0.00053
QC155	05/27/00	1040	0.11385	0.11407	0.00022
QC156	05/27/00	1048	0.11667	0.11681	0.00014
QC157	11/22/06	1056	0.11620	0.11593	-0.00027
QC158	05/28/00	1064	0.11255	0.11290	0.00035
QC159	05/28/00	1066	0.11538	0.11528	-0.00010
QC160	05/28/00	1075	0.11669	0.11670	0.00001
QC161	05/29/00	1082	0.12303	0.12305	0.00002
QC162	05/29/00	1089	0.11586	0.11602	0.00016
QC163	05/29/00	1096	0.11675	0.11689	0.00014
QC164	05/30/00	1101	0.11542	0.11548	0.00006
QC165	05/30/00	1109	0.11884	0.11919	0.00035
QC166			0.11487		
QC167	05/31/00	1113	0.12372	0.12387	0.00015
QC168	05/31/00	1125	0.11712	0.11859	0.00147
QC169	05/31/00	1133	0.11531	0.11527	-0.00004
QC170	06/01/00	1136	0.11665	0.11647	-0.00018
QC171	06/01/00	1147	0.12428	0.12422	-0.00006
QC172	06/01/00	1156	0.11590	0.11575	-0.00015
QC173	06/04/00	1161	0.11637	0.11638	0.00001
QC174	06/04/00	1171	0.11468	0.11502	0.00034
QC175	06/04/00	1180	0.11672	0.11688	0.00016
QC176	06/08/00	1186	0.11671	0.11661	-0.00010
QC177	06/08/00	1195	0.11485	0.11486	0.00001
QC178	06/08/00	1204	0.11488	0.11497	0.00009
QC179	06/08/00	1214	0.11513	0.11516	0.00003
QC180	06/08/00	1222	0.11574	0.11576	0.00002
QC181	06/10/00	1228	0.11563	0.11582	0.00019
QC182	06/11/00	1237	0.11333	0.11344	0.00011
QC183	06/11/00	1246	0.11645	0.11669	0.00024
QC184	06/11/00	1249	0.11557	0.11556	-0.00001
QC185	06/11/00	1258	0.11512	0.11536	0.00024
QC186	06/13/00	1267	0.11559	0.11536	-0.00023
QC187	06/13/00	1276	0.11732	0.11720	-0.00012
QC188	06/13/00	1277	0.12061	0.12042	-0.00019
QC189	06/13/00	1286	0.12447	0.12421	-0.00026
QC190	06/15/00	1287	0.12447	0.12452	0.00005
QC191	06/19/00	1291	0.12159	0.12136	-0.00023
QC192	06/19/00	1300	0.12673	0.12648	-0.00025
QC193	06/19/00	1309	0.12368	0.12360	-0.00008

QC141	05/16/00	933	0.11324	0.11325	0.00001
QC142	05/16/00	942	0.11640	0.11634	-0.00006
QC143	05/16/00	943	0.11264	0.11258	-0.00006
QC144	05/18/00	952	0.11055	0.11053	-0.00002
QC145	05/18/00	967	0.11588	0.11586	-0.00002
QC146	05/24/00	968	0.11325	0.11316	-0.00009
QC147	05/24/00	977	0.11554	0.11588	0.00034
QC148	05/24/00	986	0.11626	0.11636	0.00010
QC149			0.11697		
QC150			0.11212		
QC151			0.11381		
QC152	05/27/00	1016	0.11513	0.11502	-0.00011
QC153	05/27/00	1024	0.11638	0.11671	0.00033
QC154	05/27/00	1031	0.11348	0.11401	0.00053
QC155	05/27/00	1040	0.11385	0.11407	0.00022
QC156	05/27/00	1048	0.11667	0.11681	0.00014
QC157	11/22/06	1056	0.11620	0.11593	-0.00027
QC158	05/28/00	1064	0.11255	0.11290	0.00035
QC159	05/28/00	1066	0.11538	0.11528	-0.00010
QC160	05/28/00	1075	0.11669	0.11670	0.00001
QC161	05/29/00	1082	0.12303	0.12305	0.00002
QC162	05/29/00	1089	0.11586	0.11602	0.00016
QC163	05/29/00	1096	0.11675	0.11689	0.00014
QC164	05/30/00	1101	0.11542	0.11548	0.00006
QC165	05/30/00	1109	0.11884	0.11919	0.00035
QC166			0.11487		
QC167	05/31/00	1113	0.12372	0.12387	0.00015
QC168	05/31/00	1125	0.11712	0.11859	0.00147
QC169	05/31/00	1133	0.11531	0.11527	-0.00004
QC170	06/01/00	1136	0.11665	0.11647	-0.00018
QC171	06/01/00	1147	0.12428	0.12422	-0.00006
QC172	06/01/00	1156	0.11590	0.11575	-0.00015
QC173	06/04/00	1161	0.11637	0.11638	0.00001
QC174	06/04/00	1171	0.11468	0.11502	0.00034
QC175	06/04/00	1180	0.11672	0.11688	0.00016
QC176	06/08/00	1186	0.11671	0.11661	-0.00010
QC177	06/08/00	1195	0.11485	0.11486	0.00001
QC178	06/08/00	1204	0.11488	0.11497	0.00009
QC179	06/08/00	1214	0.11513	0.11516	0.00003
QC180	06/08/00	1222	0.11574	0.11576	0.00002
QC181	06/10/00	1228	0.11563	0.11582	0.00019
QC182	06/11/00	1237	0.11333	0.11344	0.00011
QC183	06/11/00	1246	0.11645	0.11669	0.00024
QC184	06/11/00	1249	0.11557	0.11556	-0.00001
QC185	06/11/00	1258	0.11512	0.11536	0.00024
QC186	06/13/00	1267	0.11559	0.11536	-0.00023
QC187	06/13/00	1276	0.11732	0.11720	-0.00012
QC188	06/13/00	1277	0.12061	0.12042	-0.00019
QC189	06/13/00	1286	0.12447	0.12421	-0.00026
QC190	06/15/00	1287	0.12447	0.12452	0.00005
QC191	06/19/00	1291	0.12159	0.12136	-0.00023
QC192	06/19/00	1300	0.12673	0.12648	-0.00025
QC193	06/19/00	1309	0.12368	0.12360	-0.00008

QC194	06/19/00	1318	0.12445	0.12421	-0.00024
QC195	06/22/00	1320	0.12210	0.12202	-0.00008
QC196	06/22/00	1329	0.12681	0.12661	-0.00020
QC197	06/23/00	hole	0.12317		
QC198	06/23/00	1347	0.12277	0.12266	-0.00011
QC199	06/24/00	1358	0.12536	0.12536	0.00000
QC200	06/24/00	1367	0.12528	0.12502	-0.00026
QC201	06/24/00	1376	0.12634	0.12759	0.00125
QC202	06/24/00	1387	0.12607	0.12612	0.00005
QC203	06/25/00	1393	0.12281	0.12278	-0.00003
QC204	06/25/00	1402	0.12612	0.12560	-0.00052
QC205	06/25/00	1410	0.12326	0.12290	-0.00036
QC206	06/25/00	1420	0.12674	0.12726	0.00052
QC207	06/25/00	1431	0.12389	0.12447	0.00058
QC208	07/11/00	1434	0.12675	0.12637	-0.00038
QC209	07/11/00	1443	0.12068	0.12041	-0.00027
QC210	07/11/00	1452	0.12500	0.12470	-0.00030
QC211	07/13/00	1456	0.12322	0.12318	-0.00004
QC212	07/13/00	1465	0.12662	0.12639	-0.00023
QC213	07/15/00	1472	0.11952	0.12041	0.00089
QC214	07/15/00	1481	0.12648	0.12629	-0.00019
QC215	07/15/00	1490	0.12373	0.12341	-0.00032
QC216	07/15/00	1499	0.12596	0.12564	-0.00032
QC217	07/20/00	1502	0.11983	0.11960	-0.00023
QC218	07/20/00	1511	0.12588	0.12564	-0.00024
QC219	07/20/00	1520	0.12398	0.12378	-0.00020
QC220	07/22/00	1522	0.12705	0.12682	-0.00023
QC221	07/22/00	1532	0.12081	0.12060	-0.00021
QC222	07/22/00	1541	0.12593	0.12578	-0.00015
QC223	07/22/00	1551	0.12526	0.12494	-0.00032
QC224	07/27/00	1552	0.12625	0.12593	-0.00032
QC225	07/27/00	1561	0.12085	0.12069	-0.00016
QC226	07/27/00	1570	0.12503	0.12489	-0.00014
QC227	08/05/00	1572	0.12621	0.12586	-0.00035
QC228	08/05/00	1582	none	0.12670	

Excel 98
Compiled by C. Fenton

Sample Filter Check Weights
Hydrologic Year 2000
SunnyBrae Sediment Lab
Salmon Forever / Watershed Watch

Gelman Sciences
P/N 61631 Type A/E 47 mm
Glass Fiber Filter

1 gram brass weight - 1.00007 grams
Mettler H20T Balance S/N 418151

Mean	1.00007	Skewness	-0.26936
Standard Error	0.00000	Range	0.00012
Median	1.00007	Minimum	1.00000
Mode	1.00008	Maximum	1.00012
Standard Deviation	0.00002	Sum	221.01483
Sample Variance	0.00000	Count	221
Kurtosis	-0.34247		

Lab Notes Page #	Weigh Date	Data Sheet Date	Before Filter #	After Filter #	Checkweight weight g.	By	Comments
2	09/14/99	xxx	QC1		1.00008	C.Fenton	
			9		1.00007		
3	09/27/99	09/17/99	QC3		1.00008	C.Fenton	
			23		1.00009		
4	10/04/99	09/30/99	QC5		1.00010	C.Fenton	rec Top set rods but no bases + DM-48 Handles.
			36		1.00011		
4	10/16/99	09/30/99	QC7		1.00004	C.Fenton	Recharge Dessicant 300degreesF
			49		1.00009		
6	11/13/99	10/30/99	QC9		1.00007	CF/AA	
			59		1.00008		
7	11/13/99	11/08/99	QC12		1.00007	CF/AA	Jeremy's
			72		1.00007		
8	11/23/99	11/13/99	QC14		1.00006	AA	
8	11/27/99	11/20/99	QC15		1.00008	C.Fenton	
			88		1.00009		
			96		1.00008		
9	12/19/99	12/04/99	QC18		1.00010	CF/PR	Teaching Paula
			108		1.00004		
10	12/19/99	12/12/99	QC20		1.00003	CF/PR	teaching Paula
10	12/31/99	12/12/99	QC21		1.00006	C.Fenton	Continue Sheet
			125		1.00003		
			136		1.00007		

10	01/05/00	12/12/99	141		1.00007	CF/MA	Teaching Michelle Anderson
				149	1.00010		
12	01/16/00	01/14/00	QC29		1.00006	AA	
13	01/19/00	12/17/99	167		1.00007	C.Fenton	Humidity too high, Stops Weighing @ 23%, Scale CK Wt
14	01/20/00	12/17/99	175		1.00009	C.Fenton	Put in oven today / back in Dessicator before weighing.
14	01/20/00	01/08/00	QC27		1.00007	C.Fenton	Balance CK wt Put all sample filters in over, scale ch wt
14	01/20/00	01/17/00	QC35		1.00008	C.Fenton	Balance Ck Wt, Dump 5
			242		1.00007		
15	01/22/00	01/17/00	QC37		1.00010	PR	
16	01/23/00	01/16/00	QC32		1.00006	MA	
			219		1.00005		
17	01/29/00	01/15/00	QC30		1.00007	PR	
17	01/29/00	01/23/00	324		1.00004	AA	
			331		1.00009		
18	01/29/00	01/23/00	303		1.00008	AA	
			296		1.00005		
19	01/30/00	xxx	QC40		1.00007	C.Fenton	
			272		1.00008		
19	01/31/00	01/22/00	QC38		1.00006	C.Fenton	
			258		1.00007		
			278		1.00009		
19	xxx	01/16/00	QC33		1.00008	C.Fenton	Finish 1/16/00 Data Sheet
			228		1.00010		
20	02/03/00	01/23/00	QC46		1.00008	C.Fenton	
			320		1.00008		
20	02/05/00	01/29/00	QC58		1.00007	C.Fenton	
			365		1.00009		
20	02/05/00	01/29/00	QC55		1.00005	C.Fenton	
21	02/05/00	01/30/00	QC62		1.00009	AA	
			403		1.00006		
21	02/05/00	01/29/00	366		1.00006	AA	
			374		1.00007		
21	02/05/00	xxx	381		1.00006	AA	
			390		1.00008		
21	02/05/00	01/23/00	QC43		1.00010	AA	
			291		1.00010		
24	02/12/00	multiple	QC64		1.00007	PR	using 2 dessicators,
			410		1.00008		weighing from more than 1 data sheet at a time
			419		1.00007		
			QC67		1.00009		

			433		1.00010		
				438	1.00007		
			455		1.00009		
			QC71		1.00008		
			468		1.00010		
			QC73		1.00000		
			477		1.00004		
			QC75		1.00004		
25	02/20/00	xxx	QC81		1.00008	PR	
			438		1.00009		
			445		1.00005		
			455		1.00009		
			485		1.00004		
			QC76		1.00009		
			495		1.00008		
			504		1.00005		
			512		1.00009		
			520		1.00009		
				528	1.00008		
27	03/05/00	02/12/00	QC83		1.00006	C.Fenton	
			548		1.00005		
28	03/11/00	02/12/00	552		1.00005	C.Fenton	
29	03/12/00	02/17/00	QC86		1.00005	C.Fenton	
			566		1.00009		
30	03/14/00	03/04/00	664		1.00005	MLA	
			672		1.00008		
30	03/14/00	03/01/00	634		1.00008	MLA	
30	03/14/00	02/21/00	QC89		1.00006	MLA	
			580		1.00004		
31	03/18/00	03/01/00	QC96		1.00010	K Blackman	Finished Data Sheet 634->638 already weighed
			616		1.00012		
			624		1.00009		
32	03/26/00	03/04/00	QC100		1.00007	C.Fenton	Train Harriet, Finish Data sheet
			647		1.00005		
			651		1.00007		
33	03/29/00	2/26 3/10	QC104		1.00004	MLA	
			603		1.00007		
33	04/01/00	03/13/00	QC107		1.00005	C.Fenton	
33	04/01/00	?	690		1.00010	C.Fenton	Found Dump 10 Transferred to original Data sheet
33	04/01/00	03/13/00	QC105		1.00008	C.Fenton	Dump 10 Bottles 8->15

			686		1.00006		
			694		1.00010		
34	04/01/00	03/26/00	QC109		1.00009	C.Fenton	
			725		1.00009		
			734		1.00005		
			742		1.00006		
35	04/06/00	03/14/00	QC108		1.00003	C.Fenton	
			710		1.00006		
35	04/08/00	?	QC113		1.00008	C.Fenton/ YG	
			754		1.00007		
			761		1.00006		
36	04/28/00	04/05/00	QC115		1.00005	C.Fenton	
36	04/28/00	04/05/00	QC116		1.00006	C.Fenton	
			QC117		1.00009		
37	04/29/00	04/23/00	QC121		1.00010	C.FENTON	Clay Check Filters
			F109		1.00008		
			F114		1.00007		
			F120		1.00005		
37	04/30/00	04/28/00	QC124		1.00005	C.Fenton	
37	05/04/00	03/06/00	QC118		1.00003	C.Fenton	
			790		1.00009		
			798		1.00008		
38	05/06/00	05/05/00	QC126		1.00008	C.Fenton	Dump12 FTR
39	05/08/00	05/06/00	QC131		1.00009	C.Fenton	35min to run 1 tray
			861		1.00004		
			868		1.00006		
40	05/13/00	05/06/00	QC129		1.00008	C.Fenton	
			847		1.00005		
40	05/13/00	05/09/00	QC134		1.00008	C.Fenton	
			882		1.00007		
40	05/13/00	05/11/00	QC136		1.00005	C.Fenton	
			896		1.00006		
			904		1.00008		
			912		1.00006		
42	05/25/00	05/15/00	QC139		1.00004	Ben Bray	
			924		1.00001		
				931	1.00009		
42	05/25/00	05/16/00	QC141		1.00008	Ben Bray	
			941		1.00005		
42	05/25/00	05/16/00	QC143		1.00004	Ben Bray	

			951		1.00007		
42	05/25/00	05/18/00	QC144		1.00007	Ben Bray	
			960		1.00008		
				967	1.00005		
44	05/28/00	05/24/00	QC146		1.00007	C.Fenton	
			976		1.00006		
			984		1.00005		
46	05/30/00	xxx	QC157		1.00003	C.Fenton/RT	
46	05/30/00	05/25/00	QC150		1.00005	CF/RT	
			1009		1.00005		
46	05/30/00	05/28/00	1071		1.00005	CF/RT	
			1077		1.00008		
46	05/30/00	05/28/00	QC157		1.00003	CF/RT	
			QC158		1.00005		
49	06/07/00	05/29/00	QC161		1.00005	C.Fenton	
			1089		1.00006		
			1097		1.00006		
49	06/07/00	05/30/00	QC164		1.00005	C.Fenton	
			QC165		1.00006		
49	06/07/00	xxx	x			x	
50	06/08/00	06/01/00	QC170		1.00005	BB	
			1146		1.00004		
			1154		1.00007		
				1160	1.00006		
50	06/08/00	06/04/00	QC173		1.00006	BB	
			1168		1.00007		
			1177		1.00006		
50	06/09/00	06/04/00	1178		1.00003	BB	
				1185	1.00004		
51	06/09/00	06/08/00	QC176		1.00004	BB	
			1194		1.00006		
			1203		1.00007		
			1211		1.00004		
			1219		1.00004		
				1226	1.00002		
52	06/12/00	06/10/00	QC181		1.00009	C.Fenton	
			1236		1.00010		
52	06/12/00	06/11/00	QC182		1.00009	C.Fenton	Dump22 7-18
			1245		1.00007		
53	06/15/00	06/11/00	1257		1.00010	CF/NM	

			1264	1.00005	
54	06/15/00	06/13/00	QC188	1.00008	CF/NM
			1286	1.00009	
54	06/15/00	06/13/00	QC186	1.00009	CF/NM
			1274	1.00008	
54	06/21/00	06/15/00	QC190	1.00006	C.Fenton
55	06/21/00	xxx	QC191	1.00007	C.Fenton
			1299	1.00006	
55	06/23/00	06/19/00	1303	1.00010	C.Fenton
			1311	1.00003	
56	06/25/00	xxx	QC195	1.00006	C.Fenton
			1328	1.00005	
			1345	1.00008	
56	06/26/00	06/23/00	QC197	1.00006	C.Fenton
			1354	1.00004	
57	06/26/00	06/24/00	QC199	1.00005	C.Fenton
			1366	1.00007	
			1375	1.00008	
			1383	1.00008	
			1391	1.00004	
57	06/26/00	xxx	QC203	1.00008	C.Fenton
			1404	1.00008	
			1409	1.00004	
			1417	1.00008	
			1426	1.00003	
58	07/18/00	07/11/00	QC208	1.00006	NM
			1441	1.00008	
			1449	1.00005	
58	07/18/00	07/13/00	QC211	1.00003	NM
			1463	1.00009	
59	07/22/00	07/15/00	QC213	1.00007	PR
			1480	1.00009	
			1489	1.00005	
			1499	1.00007	
60	08/05/00	xxx	QC223	1.00008	PR
			1531	1.00003	
			1539	1.00003	
			1548	1.00008	
60	08/24/00	08/05/00	QC227	1.00008	C.Fenton
			1581	1.00004	

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Sample Bottle Check Weights
Hydrologic Year 2000

SunnyBrae Sediment Lab
Salmon Forever / Watershed Watch

A&D Balance
S/N 5608313

50.0 gram brass weight

Mean	50	Range	0
Standard Error	0	Minimum	50
Median	50	Maximum	50
Mode	50	Sum	8550
Standard Deviation	0	Count	171
Sample Variance	0		

Lab Notes Page #	Weigh Date	Data Sheet Date	Before Sample	Checkweight weight g.	By	Comments
1	9/9/99	9/9/99		50.0	P Rhude	
				50.0		
				50.0		
3	9/30/99	9/30/99	GG 1/20/99	50.0	P Rhude	
			SFTR 7/8/99	50.0		
3	9/30/99	9/30/99	Clapp7/25/99	50.0	M Anderson	Rec 100mg Check Wt
			SFT 4/5/99	50.0		
5	10/30/99	10/30/99	Strongs2/6/98	50.0	CF/MA	Certify Michelle ssc/turbidity,
6	11/13/99	11/13/99	Clapp	50.0	AA/CF	will try to calibrate at Terry's Tomm
7	11/20/99	11/20/99	NFElK 11/9/99, 9:25	50.0	CF/EA	
7	11/20/99	11/20/99	SFElk, 11/20/99	50.0	AA	
9	12/4/99	12/4/99	SF ParkLot	50.0	Michelle Anderson/C.Fenton	
			SFElk #11	50.0		
9	12/12/99	12/12/99	JGC 11/10/99	50.0	Michelle Anderson/ P Rhude	Cert Paula
			ELK 21	50.0		
			FTR 11/14/99	50.0		
			FTR 12/2/99	50.0		
			NFElk 11/29/99	50.0		
9	12/17/99	x	Briceland 12/1/99	50.0	MA	
			HH 12/2/99	50.0		
12	1/15/00	1/15/00	198	50.0	AA	
12	1/16/00	1/16/00	211	50.0	P Rhude	

			220	50.0		
			229	50.0		
13	1/17/00	1/17/00	FTR 05-1 (234)	50.0	AA	Switching to RSL WY 200 Lab codes,
13	1/17/00	1/17/00	QC37	50.0	AA	will not use tracking codes
13	1/20/00	1/17/00	no sample #	50.0	C.Fenton	Weighing Dump 5/ Dump 6 Empty Bottles
15	1/23/00	1/23/00	dump07	50.0	AA	after drying
			dump 07	50.0		
15	1/23/00	1/23/00	SFelkA1	50.0	PR/AA	
			SfElk8B	50.0		
			JGC1/13/00 8:06	50.0		
			SFELK RD Ditch	50.0		
			LLSFelk	50.0		
			LLSFelk Pipe	50.0		
17	1/29/00	xxx	Seeley 1/1/00 16:40	50.0	PR	
			JGC 1/10/00 16:45	50.0		
17	1/29/00	1/29/00	357	50.0	AA	
17	1/29/00	1/29/00	379	50.0	AA	
			380	50.0		
			389	50.0		
18	1/30/00	1/30/00	395	50.0	AA	
			403	50.0		
19	xxx	xxx	NF 1/11/00	50.0	C.Fenton	
			QC65	50.0		
			QC66	50.0		
19	2/1/00	xxx	08FTR01	50.0	C.Fenton	
			11FTR01	50.0		
			11FTR10	50.0		
20	2/4/00	xxx	QC1A	50.0	p Rhude	
			Dump09-04	50.0		
			Dump09-06	50.0		
22	2/6/00	2/6/00	xxx	50.0	AA	Lug pg 18 +QC74
23	2/6/00	2/6/00	Seeley1/1/00 17:06	50.0	PR	
			Dump09/8(16)	50.0		
			Dump09/9(16)	50.0		
			Dump09/11(16)	50.0		
			Dump09/14(16)	50.0		
23	2/8/00	2/4and2/6	QC1A	50.0	C.Fenton	Weigh dry ISCO bottles DUMP 9
			09FTR6	50.0		
			09FTR15	50.0		
24	2/11/00	xxx	Rattlesnake 1/16/00	50.0	MLA	

			Ave of Giants 1/16/00	50.0		
24	2/12/00	xxx	1/14/00	50.0	Gz/PR	
			BarkerValley1/20/00	50.0		
			HH 12/10/00	50.0		
	2/17/00	xxx	Hyampen 19:40	50.0	?	
			Lower	50.0		
25	2/20/00	xxx	HH 1/21/00 14:25	50.0	PR	
26	2/21/00	xxx	JY Seely 1/10/00	50.0	PR	
			JYSeely 1/24/00	50.0		
			JGC 1/21/00	50.0		
26	2/26/00	xxx	Amos Seely 1/11/00 1:49	50.0	PR	
			Amos Seely 1/20/00 18:06	50.0		
26	2/29/00	xxx	10FTR01	50.0	C.Fenton	
27	3/1/00	3/1/00	FTR 1/22/00 16:30	50.0	CF/JN	
			JGC 2/12/00 15:40	50.0		
			FTR 1/27/00 18:00	50.0		
			Bill's Hill 1/15/00 22:50	50.0		
27	3/4/00	xxx	SFE13 1/25/00	50.0	CF/GZ	
			SFE20A 1/25/00	50.0		
			SFE23 1/30/00	50.0		
			SFE21 1/25/00	50.0		
28	3/10/00	xxx	QC	50.0	MLA	
29	3/13/00	2/19/00	QC105	50.0	C.Fenton	
			QC106	50.0		
29	3/13/00	2/3/00	QC107	50.0	MLA	
31	3/18/00	xxx	10FTR08	50.0	C.Fenton	Tare Bottles Dump 10 # 8-15
34	4/5/00	4/5/00	QC116	50.0	MLA/HH	
34	4/5/00	4/5/00	QC115	50.0	MLA/HH	as usual I am not neat
35	4/6/00	4/6/00	CL 1/13/00	50.0	CF/JI	
36	4/23/00	xxx	FTR 1/22/00 15:39	50.0	C.Fenton	
			FTR 2/14/00 8:41	50.0		
37	5/5/00	5/5/00	1201	50.0	C.Fenton	
38	5/6/00	5/6/00	16(14) 12:40	50.0	C.Fenton	
39	5/9/00	xxx	1/21/00 17:15	50.0	CF/HH	SFTR
			2/5/00	50.0		
39	5/11/00	xxx	SFTR 2/27/00 8:00	50.0	CF/JCK/DH/JE	SFTR
			Madden CR LSFT 2/22	50.0		
41	5/18/00	5/18/00	15FTR01	50.0	CF/BB/JCK/LG	
			15FTR07	50.0		Dumps pany 15+16
41	5/24/00	5/24/00	16FTR09	50.0	CF/HH	Continue Dump16@ 09/08-> bottle #13

43	5/25/00	5/25/00	16FTR14	50.0	C.Fenton	Dump 16 Finish,
43	5/27/00	5/27/00	2/14/00	50.0	CF/JG	DIS 2/14/00, train Jillian Gayheart
			2/14/00 16:57	50.0		Train J. Gayheart R. Teasley J. Crown
			2/14/00 17:41	50.0		
44	5/28/00	5/18/00	Dump 15 01 FTR		C.Fenton	Dry ISCO bottles Dump 15/ Dump 16 1-7
44	5/28/00	5/24/00	16FTR09	50.0	C.Fenton	Dump 16 Dry Bottles 8->13
44	5/28/00	xxx	16FTR14	50.0	C.Fenton	weigh dry bottles Dump16 Bottles 14-19
45	5/28/00	5/28/00	FTR 2/14/00 17:42	50.0	CF/LG	DIS Dump 17 Bottle 3
45	5/28/00	5/28/00	FTR 2/14/00 6:45	50.0	CF/Lisa Gagnon	
			HH 1/16/00 8:10	50.0		
45	5/29/00	xxx	Qcsplit 1/31 10:27	50.0	CF/BB	QC Splits
45	5/30/00	xxx	17FTR01	50.0	CF/JC	Dump 17
47	5/31/00	xxx	17FTR04	50.0	JG/VS	
			1wFTR09	50.0		
47	6/1/00	xxx	18FTR01	50.0	CF/JS	Start Dump 18
48	6/4/00	6/1/00	18FTR01(16)	50.0	CF/LG	Empty Bottles Bottle#1->F12
			18FTR12	50.0		
48	6/4/00	5/31/00	17FTR 04	50.0	CF/LG	Empty Bottles Dump 17 bottles 4-12
			17FTR12	50.0		
48	6/4/00	5/30/00	17FTR01	50.0	CF/LG	Empty bottles Dump 17 bottles 1-3
48	6/4/00	5/29/00	QC split A 1/31/00 16:27	50.0	CF/LG	Empty bottles QC bottles
48	6/4/00	6/4/00	18FTR 14	50.0	CF/JK/LG	finish Dump18, start Dump 19
			19FTR6	50.0		
50	6/8/00	6/8/00	19FTR09	50.0	CF/LG/NM	Ran Dumps Finish 19 Ran 20,21
			20FTR08	50.0		
			21FTR05	50.0		
			21FTR14	50.0		
50	6/8/00	xxx	18FTR14	50.0	C.Fenton	Weigh Empty ISCO's
			19FTR07	50.0		
51	6/10/00	xxx	22FTR01	50.0	C.Fenton	Dump22
51	6/11/00	xxx	19FTR09		CF/JK	Weigh bottle Dumps end of 19,20,21
			20FTR08			
			21FTR06			
			21FTR15			
51	6/11/00	6/11/00	22FTR07	50.0	Cf/LG	Finish Dump 22, THAT"S IT
			2FTR16	50.0		
52	6/11/00	6/11/00	FTR 2/5/00 15:15	50.0	CF/LG	Hach Correlates
			FTR 4/15/00 15:14	50.0		
52	6/12/00	6/10/00	22FTR 01	50.0	C.Fenton	Dump 22 1-G Dry Bottles
53	6/12/00	6/11/00	22FTR 07	50.0	C.Fenton	Dump 22 7-18 Dry bottles

53	6/13/00	6/13/00	FTR 5/9/00 11:30	50.0	LG,CF	DIS
53	6/13/00	6/13/00	SFE#3 1/25/00 9:47	50.0	LG,CF	SFE 1/25/00 grab samples (HACH)
			SFE#11 1/25/00 11:45	50.0		
54	6/1900	6/19/00	Sfelk 2/20/00 17:00	50.0	C.Fenton	
			SFELk 26.5	50.0		
			Tom'sGulch 3/17/00 10:28	50.0		
55	6/22/00	6/22/00	HH 2/12/00 14:20	50.0	C.Fenton	
			HH 2/23/00 14:45	50.0		
55	6/24/00	6/24/00	GG 2/27/00 9:00	50.0	C.Fenton	
			HH 2/14/00 10:32	50.0		
			FR#1 2/14/00 17:07	50.0		
56	6/25/00	6/25/00	SFE 22 2/26/00 11:07	50.0	C.Fenton	SF elk Freshwater End Almost
			LSFelk East#3 2/26	50.0		
			SFE#3 2/29/00	50.0		
57	7/11/00	7/11/00	NF 1-21-00 17:20	50.0	CF/JG	
			NF 2/22/00 10:10	50.0		
57	7/13/00	xxx	KRW 2/20/00 17:30	50.0	LG	
			NF 3/4/00 16:50	50.0		
58	7/15/00	xxx	1472	50.0	PR	
			1481	50.0		
			1490	50.0		
			1499	50.0		
59	7/20/00	7/20/00	SprowelCreek 2/12/00	50.0		Hach Cells 3x7 glass
			BricelandRoadCreek 2/19	50.0		
			Junkyard Seely 2/28/00	50.0		
59	7/22/00	7/22/00	Amos Seely	50.0	PR	
			BricelandRoadCreek 1/23/00	50.0		
			BricelandRoadCreek 1/31/00	50.0		
			BricelandRoadCreek 2/13/00	50.0		
59	7/27/00	xxx	JGC 2/5/00	50.0	PR	
			Briceland 1/22/00	50.0		
			JimKoch'sCreek	50.0		
60	8/5/00	xxx	N Seely Rd	50.0	PR	
			Dora 3/4/00	50.0		

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QC Filter Tare Check Weights
Hydrologic Year 2000

SunnyBrae Sediment Lab
Salmon Forever / Watershed Watch

Gelman Sciences
P/N 61631 Type A/E 47 mm
Glass Fiber Filter

1 gram brass weight - 1.00007 grams
Mettler H20T Balance S/N 418151

Mean	1.00007	Skewness	-0.11877
Standard Error	0.00000	Range	0.00009
Median	1.00007	Minimum	1.00002
Mode	1.00008	Maximum	1.00011
Standard Deviatior	0.00002	Sum	31.00213
Sample Variance	0.00000	Count	31.00
Kurtosis	-0.73857		

Lab Notes Page #	Weigh Date	Before Filter #	After Filter #	Checkweight weight (g)	By	Comments
1	09/08/99	QC1		1.00005	C.Fenton	Scale certified last week,
		QC10		1.00008		Lab orientation
6	11/08/99	QC15		1.00004	C.Fenton	
		QC24		1.00008		
10	01/08/00	QC29			MLA/PR	not done, not certified yet
11	01/12/00	QC29		1.00005	C.Fenton	
12	01/15/00	QC34		1.00008	AA	
		QC43		1.00007		
		QC52		1.00007		
		QC61		1.00008		
		QC70		1.00008		
23	02/06/00	QC77		1.00010	A. Andazola	
		QC86		1.00008		
25	02/20/00	QC89		1.00009	PR	
		QC99		1.00003		
			QC103	1.00004		
28	03/06/00	QC104		1.00007	C.Fenton	
		QC113		1.00008		
25			QC103	1.00004		
41	05/18/00	QC146		1.00004	CF/BB	Training Ben
		QC155		1.00010		
43	05/27/00	QC160		1.00010	CF/NM	Train Neil
		QC169		1.00006		
47	05/31/00	QC174		1.00006	NM	
		QC183		1.00002		
51	06/09/00	QC188		1.00011	Ben Bray	
		QC197		1.00007		
		QC206		1.00006		
		QC215		1.00004		
56	06/25/00	QC195		1.00006	C.Fenton	
58	07/13/00	QC216		1.00009	?	
		QC225		1.00011		

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Sample Filter Tare Check Weights

Hydrologic Year 2000

SunnyBrae Sediment Lab

Salmon Forever / Watershed Watch

Gelman Sciences
P/N 61631 Type A/E 47 mm
Glass Fiber Filter

1 gram brass weight - 1.00007 grams
Mettler H20T Balance S/N 418151

Mean	1.00007	Skewness	-0.15362
Standard Error	0.00000	Range	0.00013
Median	1.00007	Minimum	1.00000
Mode	1.00008	Maximum	1.00013
Standard Deviation	0.00002	Sum	180.01213
Sample Variance	0.00000	Count	180
Kurtosis	-0.14476		

Lab Notes Page #	Weigh Date	Before Filter #	After Filter #	Checkweight weight (g)	By	Comments
1	09/08/99	1		1.00009	C. Fenton	
		10		1.00010		
		19		1.00008		
		28		1.00008		
		37		1.00009		
2	09/17/99	43		1.00006	C.Fenton	
		52		1.00008		
5	10/25/99	L1		1.00004	C. Fenton	
5	11/02/99	71		1.00010	C.Fenton	
		80		1.00009		
6	11/09/99	85		1.00004	C.Fenton	Rec Buchner Funnel
		94		1.00005		but no stopper
8	11/23/99	100		1.00002	AA	
		109		1.00002		
		118		1.00006		
		127		1.00007		
		136		1.00008		
			144	1.00000		
8	11/23/99	145		1.00008	AA	Stopped- pushing humidity
		154		1.00007		
		163		1.00008		
		172		1.00009		
		181		1.00007		
8	11/23/99		189	1.00009		
9	12/19/99	190		1.00006	CF/PR	teaching Paula
10	01/10/00	x1265		1.00005	CF/MA	Lab tech weigh checks/cert.
15	01/22/00	284		1.00005	PR/AA	to reheat and reweigh
		296		1.00001		
		305		1.00009		
		315		1.00010		
		324		1.00011		
		333		1.00013		

15	01/23/00	343		1.00006	C.Fenton	
		351		1.00006		
		360		1.00008		
16	01/28/00	366		1.00005	AA	
		375		1.00006		
16	01/28/00	384		1.00004	AA	Balance Ck Wt
		392		1.00006		
			400	1.00008		
18	01/30/00	401		1.00008	AA	
		410		1.00005		
		419		1.00007		
		428		1.00008		
		437		1.00007		
			440	1.00006		
18	01/30/00	441		1.00006	AA	
		446		1.00006		
		455		1.00009		
		464		1.00007		
			467	1.00007		
20	02/04/00	468		1.00005	C.Fenton	
		477		1.00010		
22	02/05/00	481		1.00010	AA	
		490		1.00012		
		499		1.00005		
22	02/05/00	500		1.00005	C.Fenton	
		509		1.00007		
22	02/06/00	511		1.00008	AA	Tare Wt Sheet, pg 4
		520		1.00007		
		529		1.00010		
		531		1.00008		
		538		1.00011		
			546	1.00006		
23	02/07/00	551		1.00003	C. Fenton	
		560		1.00010		
		569		1.00009		
23	02/12/00	571		1.00006	C.Fenton	
25	02/20/00	577		1.00004	PR	
		579		1.00003		
		588		1.00005		
26	02/21/00	591		1.00002	PR	
		597		1.00009		
		606		1.00006		
26	02/26/00	607		1.00008	PR	
		617		1.00007		
		626		1.00010		
		635		1.00011		
		644		1.00002		
27	03/03/00	662		1.00008	C.Fenton	
		671		1.00006		
28	03/06/00	681		1.00009	C.Fenton	
		690		1.00004		
28	03/11/00	694		1.00005	C.Fenton	
		703		1.00009		

30	03/14/00	708		1.00003	C.Fenton	
		717		1.00007		
32	03/26/00	737		1.00008	C.Fenton	
		746		1.00009		
		756		1.00009		
37	05/04/00	821		1.00006	C.Fenton	
		830		1.00008		
		840		1.00009		
		849		1.00007		
		858		1.00010		
38	05/06/00	863		1.00010	C.Fenton	
		872		1.00009		
38	05/08/00	877		1.00007	C.Fenton	
		886		1.00006		
		896		1.00005		
39	05/09/00	905		1.00007	C.Fenton	
		914		1.00008		
40	05/13/00	920		1.00004	C.Fenton	
		929		1.00004		
40	05/16/00	939		1.00005	CF/BB	
		948		1.00009		
41	05/18/00	967		1.00007	CF/BB	
		975		1.00008		
42	05/24/00	976		1.00007	CF/Neil Mock	
		985		1.00008	Training Neil to weigh Filters Tare	
		994		1.00009		
		1003		1.00010		
43	05/25/00	1004		1.00008	Ben Bray	
		1013		1.00007		
		1022		1.00008		
		1031		1.00013		
43	05/27/00	1032		1.00005	CF/NM	QC160->173 also,
44	05/28/00	1059		1.00006	C.Fenton	Train Neil Mock
		1068		1.00009		
		1078		1.00006		
		1087		1.00007		
		1096		1.00006		
45	05/29/00	1100		1.00004	CF/BB	
		1109		1.00004		
		1119		1.00005		
			1127	1.00008		
46	05/30/00	1128		1.00006	CF/RT	Train Rebecca
		1137		1.00006		
47	05/31/00	1145		1.00010	NM	
47	06/01/00	1154		1.00008	CF/LG	
		1162		1.00010		
49	06/07/00	1187		1.00009	Ben Bray	
		1196		1.00010		
		1205		1.00003		
		1214		1.00007		
		1223		1.00007		
			1231	1.00004		
49	?	1234		1.00002	Ben Bray	

		1243		1.00005	
		1252		1.00008	
52	06/11/00	1258		1.00007	C.Fenton
		1267		1.00007	
53	06/15/00	1300		1.00003	LG/CF
		1309		1.00004	
		1318		1.00005	
		1327		1.00008	
53	06/15/00	1257		1.00010	CF/NM
		1264		1.00005	
54	06/20/00	1346		1.00003	Neil Mock
		1355		1.00008	
		1364		1.00009	
		1373		1.00006	
55	06/23/00	1379		1.00007	C.Fenton
		1388		1.00007	
		1398		1.00004	
56	06/24/00	1407		1.00004	C.Fenton
		1416		1.00006	
56	06/25/00	1421		1.00003	C.Fenton
		1430		1.00005	
		1328		1.00005	
		1345		1.00008	
57	07/10/00	1435		1.00004	Neil Mock
		1444		1.00006	
		1453		1.00007	
		1462		1.00005	
		1471		1.00006	
			1480	1.00008	
		1489		1.00009	
58	07/20/00	1509		1.00001	LG, PR
		1518		1.00011	
		1527		1.00007	
		1536		1.00008	
		1545		1.00004	
59	07/25/00	1557		1.00007	LG
		1566		1.00003	
		1575		1.00004	
60	08/10/00	1594		1.00004	?
		1603		1.00003	
		1612		1.00007	
		1621		1.00007	

Excel 98					
Compiled by C. Fenton			**Sample Filter Check Weights**		
10/9/98 to 5/11/99			**Hydrologic Year 1999**		
			SunnyBrae Sediment Lab		
			Salmon Forever / Watershed Watch		
Gelman Sciences					
P/N 61631 Type A/E 47 mm			1 gram brass weight - 1.00008 grams		
Glass Fiber Filter			Mettler H20T Balance S/N 418151		
Mean	1.00010		Skewness	11.5798777	
Standard Error	0.00000		Range	0.00098	
Median	1.00009		Minimum	1.00001	
Mode	1.00009		Maximum	1.00099	
Standard Deviation	0.00007		Sum	198.0196	
Sample Variance	0.00000		Count	198	
Kurtosis	152.75411				
Date processed	Before filter #		After filter #		Weight g
10/9/98	5				1.00009
	15				1.00013
10/16/98	16				1.00011
			23		1.00011
10/18/98	24				1.00006
			33		1.00009
10/25/98	QC1				1.00014
			45		1.00008
11/5/98	46				1.00010
	57				1.00011
			66		1.00009
11/8/98	67				1.00013
			76		1.00010
11/9/98	77				1.00012
			85		1.00012
			90		1.00011
11/10/98	91				1.00008
	99				1.00007
11/11/98	107				1.00006
			115		1.00012
11/12/98	116				1.00010
	123				1.00009
11/14/98	127				1.00009
			130		1.00015
11/14/98	QC9				1.00010
	139				1.00011
			145		1.00012
11/16/98	QC11				1.00008
	154				1.00014
			158		1.00012
11/19/98	QC14				1.00014

	167				1.00011
			175		1.00008
11/22/98	QC16				1.00011
	182				1.00010
			QC17		1.00008
11/23/98	222				1.00012
	230				1.00007
	238				1.00013
			244		1.00013
11/24/98	QC24				1.00008
	252				1.00010
			261		1.00008
	262				1.00007
	QC27				1.00008
11/25/98	QC28				1.00009
	286				1.00008
	294				1.00012
			298		1.00014
11/29/98	QC31				1.00011
	307				1.00012
			311		1.00011
11/30/98	QC33				1.00008
			317		1.00008
12/3/98	QC34				1.00011
			325		1.00010
12/5/98	QC35				1.00009
	334				1.00009
			339		1.00010
	347				1.00010
			354		1.00007
12/6/98	QC39				1.00009
	363				1.00013
			372		1.00007
12/8/98	QC40				1.00007
	381				1.00010
	389				1.00011
12/9/98	QC42				1.00008
	398				1.00013
			403		1.00012
12/10/98	QC44				1.00007
			413		1.00012
12/12/98	QC45				1.00010
	422				1.00008
12/15/98	QC47				1.00008
	433				1.00008
12/16/98	QC50				1.00014
	QC51				1.00011
12/23/98	QC52				1.00008
	473				1.00009
			479		1.00010
12/24/98	QC54				1.00010
	487				1.00011
			498		1.00002

12/26/98	QC55				1.00008
	508				1.00009
12/28/98	QC57				1.00009
	526				1.00009
			534		1.00010
	544				1.00009
1/2/99	QC61				1.00005
	556				1.00010
			QC62		1.00009
1/7/99	QC63				1.00008
	570				1.00009
	QC64				1.00009
	580				1.00005
1/11/99	QC67				1.00009
			609		1.00009
1/14/99	623				1.00007
			630		1.00012
1/16/99	QC71				1.00009
	639				1.00009
	647				1.00011
	648				1.00010
			653		1.00011
1/18/99	662				1.00009
	666				1.00005
			QC74		1.00014
1/23/99	QC77				1.00006
	680				1.00007
	685				1.00011
	694				1.00009
	702				1.00010
1/24/99	QC81				1.00010
	719				1.00013
1/30/99	QC82				1.00006
	728				1.00011
	734				1.00008
	742				1.00007
	750				1.00011
	758				1.00013
2/3/99	QC91				1.00011
	793				1.00010
	799				1.00099
1/31/99	QC87				1.00013
	QC88				1.00010
	QC89				1.00008
	QC90				1.00006
2/9/99	QC94				1.00011
	811				1.00009
	819				1.00010
	827				1.00010
2/13/99	QC97				1.00008
	837				1.00010
	845				1.00011
2/13/99	QC99				1.00010

	856				1.00008
2/14/99	QC101				1.00009
	874				1.00008
	882				1.00009
	890				1.00011
2/19/99	QC105				1.00007
	QC106				1.00010
	912				1.00009
	920				1.00010
2/25/99	QC109				1.00008
	935				1.00007
	QC110				1.00012
	QC111				1.00007
3/3/99	952				1.00007
	960				1.00008
	968				1.00008
3/7/99	126				1.00008
	990				1.00011
	QC117				1.00012
	1007				1.00012
3/11/99	QC119				1.00008
	1019				1.00010
	1027				1.00011
	1034				1.00011
	1043				1.00014
3/13/99	1051				1.00010
3/15/99	QC127				1.00013
	1104				1.00011
			1110		1.00008
3/17/99	QC129				1.00009
	1119				1.00007
3/21/99	QC131				1.00009
	1134				1.00003
	1142				1.00009
	1149				1.00012
	1157				1.00003
4/3/99	QC135				1.00008
	1166				1.00009
			1181		1.00012
	1182				1.00011
	1190				1.00009
	1198				1.00012
4/6/99	QC141				1.00007
	1209				1.00010
4/11/99	QC143				1.00008
4/17/99	QC144				1.00010
	1229				1.00009
	1237				1.00010
4/19/99	QC147				1.00013
	1249				1.00007
	1256				1.00004
4/29/99	QC150				1.00006
	1269				1.00008

	1273				1.00009
	1281				1.00001
4/29/99	QC153				1.00013
	1291				1.00007
5/2/99	QC155				1.00008
5/11/99	QC156				1.00006
	1307				1.00008
	1315				1.00007

Excel 98						
Compiled by C. Fenton		Quality Control Filters #1 through # 51				
	Laboratory Blanks 10-25-98 through 12-16-98					
		Salmon Forever / Sunnybrae Sediment Lab				
		Final Weight minus Initial Weight				
	Mean Difference in grams before and after processing					
		Fiber loss in processing				
Mean	-0.00019		Skewness	-0.1581128		
Standard Error	0.00004		Range	0.00169		
Median	-0.00019		Minimum	-0.00116		
Mode	-0.00025		Maximum	0.00053		
Standard Deviation	0.00029		Sum	-0.00945		
Sample Variance	0.00000		Count	50		
Kurtosis	2.39594					
Filter #	Data Sheet	Before	Initial Wt.	Final Wt.	Difference	
	Date	Filter #	grams	grams	grams	
QC 1	10/25/98	33	0.12676	0.12665	-0.00011	
QC 2	11/05/98	46	0.12360	0.12353	-0.00007	
QC 3	11/08/98	68	0.12495	0.12470	-0.00025	
QC 4	11/08/98	77	0.12373	0.12370	-0.00003	
QC 5	11/08/98	87	0.12611	0.12616	0.00005	
QC 6	11/10/98	96	0.12304	0.12281	-0.00023	
QC 7	11/11/98	107	0.12294	0.12279	-0.00015	
QC 8	11/12/98	127	0.12400	0.12443	0.00043	
QC 9	11/14/98	131	0.12705	0.12690	-0.00015	
QC 10	11/14/98	140	0.12274	0.12274	0.00000	
QC11	11/16/98	146	0.12459	0.12456	-0.00003	
QC 12	11/16/98	158	0.12401	0.12445	0.00044	
QC 13						
QC 14	11/19/98	159	0.12259	0.12265	0.00006	
QC 15	11/19/98	168	0.12428	0.12446	0.00018	
QC 16	11/22/98	176	0.12036	0.12031	-0.00005	
QC 17	11/22/98	192	0.11946	0.11945	-0.00001	
QC 18	11/22/98	194	0.11755	0.11755	0.00000	
QC 19	11/22/98	209	0.11759	0.11791	0.00032	
QC 20	11/22/98	217	0.11804	0.11857	0.00053	
QC 21	11/23/98	224	0.11776	0.11761	-0.00015	
QC 22	11/23/98	231	0.11726	0.11701	-0.00025	
QC 23	11/23/98	239	0.11827	0.11796	-0.00031	
QC 24	11/24/98	245	0.11854	0.11806	-0.00048	
QC25	11/24/98	254	0.11791	0.11747	-0.00044	
QC 26	11/24/98	263	0.11657	0.11585	-0.00072	
QC 27	11/24/98	272	0.11853	0.11737	-0.00116	
QC 28	11/25/98	278	0.11820	0.11809	-0.00011	
QC 29	11/25/98	288	0.11843	0.11811	-0.00032	
QC 30	11/25/98	297	0.11641	0.11615	-0.00026	
QC 31	11/29/98	299	0.12113	0.12106	-0.00007	
QC 32	11/29/98	308	0.11993	0.11961	-0.00032	
QC 33	11/30/98	312	0.12235	0.12215	-0.00020	
QC 34	12/03/98	318	0.11993	0.11960	-0.00033	
QC 35	12/05/98	326	0.12136	0.12096	-0.00040	

QC 36	12/05/98	335	0.12094	0.12081	-0.00013	
QC 37	12/05/98	343	0.11885	0.11867	-0.00018	
QC 38	12/05/98	352	0.11993	0.11962	-0.00031	
QC 39	12/06/98	355	0.12009	0.11974	-0.00035	
QC 40	12/08/98	373	0.12174	0.12121	-0.00053	
QC 41	12/08/98	382	0.11929	0.11885	-0.00044	
QC 42	12/09/98	390	0.11945	0.11930	-0.00015	
QC 43	12/09/98	399	0.12199	0.12196	-0.00003	
QC 44	12/10/98	404	0.11990	0.11965	-0.00025	
QC 45	12/12/98	414	0.12154	0.12109	-0.00045	
QC 46	12/12/98	423	0.12353	0.12326	-0.00027	
QC 47	12/15/98	425	0.12193	0.12143	-0.00050	
QC 48	12/15/98	434	0.12091	0.12073	-0.00018	
QC 49	12/15/98	443	0.12370	0.12314	-0.00056	
QC 50	12/16/98	447	0.12486	0.12465	-0.00021	
QC 51	12/16/98	456	0.12115	0.12083	-0.00032	

Excel 98
Compiled by C. Fenton
Filters QC 1 to QC 160
11/19/99 to 5/13/99

QC Filter Tare Check Weights
Hydrologic Year 1999
SunnyBrae Sediment Lab
Salmon Forever / Watershed Watch

Gelman Sciences
P/N 61631 Type A/E 47 mm
Glass Fiber Filter

1 gram brass weight - 1.00008 grams
Mettler H20T Balance S/N 418151

Mean	1.00009	Kurtosis	0.44495
Standard Error	0.00001	Skewness	-0.07776
Median	1.00009	Range	0.00012
Mode	1.00009	Minimum	1.00003
Standard Deviation	0.00003	Maximum	1.00015
Sample Variance	0.00000	Sum	26.00246
		Count	26

Date	Before Filter #	After Filter#	Check Weight
11/19/98	QC16		1.00009
	QC25		1.00011
		QC30	1.00012
11/29/98	QC31		1.00009
	QC40		1.00015
		QC45	1.00008
12/08/98	QC46		1.00013
	QC55		1.00013
		QC59	1.00014
12/11/98	QC60		1.00009
	QC69		1.00010
01/14/99	QC73		1.00010
	QC82		1.00009
01/30/99	QC87		1.00008
	QC96		1.00009
	QC105		1.00006
	QC114		1.00009
03/02/99	QC117		1.00009
	QC126		1.00012
03/17/99	QC131		1.00009
03/18/99	QC136		1.00007
	QC145		1.00008
04/10/99	QC146		1.00005
	QC154		1.00011
05/13/99	QC161		1.00003
	QC170		1.00008

11/98 to 5/9/99	Sample Filter Tare Check Weights			
Excel 98		Hydrologic Year 1999		
Compiled by C. Fenton		SunnyBrae Sediment Lab		
	Salmon Forever / Watershed Watch			
Gelman Sciences		1 gram brass weight - 1.00008 grams		
P/N 61631 Type A/E 47 mm		Mettler H20T Balance S/N 418151		
Glass Fiber Filter				
Mean	1.00010	Skewness	-0.08498	
Standard Error	0.00000	Range	0.00013	
Median	1.00010	Minimum	1.00003	
Mode	1.00010	Maximum	1.00016	
Standard Deviation	0.00003	Sum	179.01710	
Sample Variance	0.00000	Count	179.00000	
Kurtosis	-0.22486			
Date	Before Filter #		After Filter#	Check Weight
10/08/98	10			1.00010
			20	1.00012
10/14/98	21			1.00014
			24	1.00013
10/16/98	24			1.00010
			33	1.00011
11/04/98	56			1.00013
	66			1.00011
			70	1.00010
11/07/98	71			1.00014
	81			1.00009
	91			1.00008
			94	1.00010
11/09/98	95			1.00012
	104			1.00010
	113			1.00010
			115	1.00010
11/11/98	116			1.00011
	125			1.00012
			130	1.00012
11/12/98	131			1.00016
			138	1.00013
11/14/98	139		145	1.00008
11/15/98	146			1.00012
	155			1.00012
			160	1.00010
11/18/98	161			1.00009
	170			1.00013
			175	1.00012

11/19/99	176			1.00008
	185			1.00014
			190	1.00013
11/22/98	191			1.00011
	200			1.00010
	212			1.00010
	215			1.00009
	224			1.00005
11/23/99	227			1.00011
	239			1.00013
	248			1.00009
	257			1.00007
	266			1.00013
11/24/98	268			1.00010
	277			1.00011
11/25/98	283			1.00010
	292			1.00007
	301			1.00014
	310			1.00010
11/30/98	313			1.00011
	322			1.00010
			327	1.00013
12/04/98	328			1.00008
	337			1.00012
	346			1.00015
	355			1.00011
12/05/98	357			1.00007
	366			1.00013
			369	1.00011
12/06/98	370			1.00010
	379			1.00010
	388			1.00008
12/08/98	398			1.00007
	407			1.00009
12/09/98	412			1.00006
	421			1.00009
12/10/98	425			1.00006
	434			1.00009
	439			1.00012
	448			1.00010
12/16/98	453			1.00008
	462			1.00008
12/23/98	476			1.00010
	480			1.00010
	486			1.00004
12/24/98	496			1.00006
	504			1.00010
12/26/98	514			1.00005
	524			1.00006
	534			1.00007
	544			1.00008
12/30/98	551			1.00009
	561			1.00009

01/02/99	565			1.00014
	575			1.00007
	585			1.00013
			592	1.00010
01/04/99	593			1.00011
	602			1.00010
01/09/99	604			1.00004
	613			1.00012
01/12/99	618			1.00005
	627			1.00008
01/13/99	632			1.00011
	641			1.00012
01/15/99	655			1.00007
01/17/99	660			1.00008
	669			1.00015
01/20/99	674			1.00011
	683			1.00009
01/22/99	688			1.00004
	697			1.00014
01/23/99	702			1.00009
	711			1.00012
01/24/99	718			1.00009
	727			1.00010
01/27/99	732			1.00007
	741			1.00010
01/30/99	746			1.00008
	755			1.00009
	764			1.00011
01/31/99	772			1.00007
	781			1.00013
	790			1.00009
	799			1.00010
02/07/99	802			1.00012
	811			1.00010
	820			1.00005
	829			1.00009
02/09/99	830			1.00004
	839			1.00012
	848			1.00011
02/13/99	857			1.00008
	866			1.00008
02/14/99	870			1.00007
	879			1.00009
	888			1.00010
02/18/99	906			1.00006
02/19/99	911			1.00009
	920			1.00010
	929			1.00009
02/20/99	933			1.00008
02/25/99	938			1.00006
	947			1.00011
	956			1.00008
03/03/99	966			1.00007

	975			1.00007
	984			1.00003
	993			1.00012
	1002			1.00014
	1011			1.00014
03/10/99	1012			1.00012
	1021			1.00006
	1031			1.00010
	1040			1.00011
	1049			1.00009
03/12/99	1052			1.00008
	1061			1.00007
	1071			1.00010
03/15/99	1096			1.00009
	1105			1.00008
			1113	1.00008
03/20/99	1126			1.00009
	1135			1.00013
	1144			1.00010
	1153			1.00009
03/27/99	1158			1.00010
	1167			1.00010
04/03/99	1174			1.00008
	1183			1.00009
	1192			1.00011
	1201			1.00012
	1210			1.00008
	1219			1.00011
04/10/99	1221			1.00012
	1229			1.00009
	1238			1.00008
	1247			1.00011
04/11/99	1251			1.00008
	1260			1.00007
04/26/99	1262			1.00008
	1271			1.00009
	1280			1.00008
04/27/99	1289			1.00006
	1298			1.00010
05/08/99	1303			1.00004
	1312			1.00007
05/09/99	1317			1.00006
	1326			1.00006
	1335			1.00006