

APPENDIX B. Summary of 2008 Catch Data at Sampling Sites.

ORDER OF DATA ORGANIZATION IN THIS APPENDIX

The summary sheets for each sampling site were provided first as steelhead/coho sampling forms. Then the field data sheets for each sampling site were provided. The order of sampling sites corresponded to the numerical order presented in Tables 1-4 in the methods section.

EXPLANATION OF STEELHEAD/COHO SALMON SAMPLING FORMS

Electrofishing and snorkeling data were presented for each sampling site. All data pertained to steelhead because coho salmon were released immediately where they were captured on East Branch Soquel Creek in 2008. Snorkeled habitat is denoted. For electrofishing data, it was presented in successive passes. For underwater visual censusing data, fish counts for replicate passes were presented as passes. Density estimates for each electrofished habitat were obtained by the depletion method and regression analysis. Density estimates for mainstem pool habitats that were visually censused in 2008 were obtained by using the maximum number of steelhead seen per pass. Densities were so low in 2008 that there was little chance of counting the same fish twice, and it was very possible to miss fish on certain passes.

For each pass, steelhead were divided into age and size class categories. YOY and 1+ refer to age classes. C-1, C-2 and C-3 refer to Size Classes 1, 2 and 3. For the data presented by pass, C-2 includes Size Classes 2 and 3 combined. Only in the population estimates are these two size classes differentiated.

Site densities at the bottom of the summary data forms were obtained by dividing total estimated number of fish in each size/age category by the total length of stream that was censused.

Steelhead Sampling Results

Date: 14Sep08/15Sep08 Stream: SLR Sampled by: Alley, Steiner, Kittleson, Reis, Wheeler

Sampling Site: 1 (Paradise Park) Water Temperature and Times: 70.0° F @ 1825 hr,

07Aug08. (Air temp. 67° F)

Habitat type& Length (ft)	First Pass				Second Pass				Third Pass/ Fourth Pass				Number Est. / Density Est. per ft					
	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	C-3	Total
#12Riffle 42 ft	11	4	0	7	2	0	0	2	2/1	1/0	0/0	1/1	16	5	0	11	0	16
#13 Run 90 ft	17	8	0	9	2	1	0	1	4/0	1/0	0/0	3/0	23	10	0	13	0	23
#10a-b Pool Snorkel 622 ft	14	1 Three Passes	0	13									14	1	0	13	0	14
All Habitats Combined 754 ft													53	16	0	37	0	53

Length of Stream Sampled (ft): 754 ft

Young-of-the-Year / Size Class 1 per Foot of Stream: 0.0703/ 0.0212

Yearlings and 2+ / Size Classes 2 and 3 per Foot of Stream: 0.0 /0.0491

Steelhead Sampling Results

Date: 16Sep08/12Oct08 Stream: SLR Sampled by: Alley, Steiner, Kittleson, Reis, Wheeler, Collins

Sampling Site: 2a (Rincon) Water Temperature and Times: 66.0° F @ 1659 hr, 15Aug08. (Air temp. 67° F)

Habitat type & Length (ft)	First Pass				Second Pass				Third Pass/ Fourth Pass				Number Est. / Density Est. per ft					
	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	C-3	Total
#25 Riffle 43 ft	40	16	0	24	14	6	0	8	8	2	0	6	62.9	25.3	0	40.9	0	66.2
#24 Run 54 ft	29	10	2	21	16	8	0	8	9	5	0	4	65.1	37.6	2	35.3	0	72.9
#17 Pool Snorkel 475 ft	2	0 Three Passes	1 Passes	3									3	0	1	3	1	4
#17 Pool Snorkel 191 ft	14	1 Three Passes	0 Passes	13									14	1	0	13	0	14
All Habitat Combine 763 ft													145	63.9	3	92.2	1	157.1

Length of Stream Sampled (ft): 763 ft

Young-of-the-Year / Size Class 1 per Foot of Stream: 0.1900 / 0.0837

Yearlings and 2+ / Size Classes 2 and 3 per Foot of Stream: 0.0039 / 0.1221

Steelhead Sampling Results

Date: 14Sep08/15Sep08 Stream: SLR Sampled by: Alley, Steiner, Kittleson, Reis, Wheeler

Sampling Site: 4 (Henry Cowell Park) Water Temperature and Times: 67.0° F @ 1347 hr,

08Aug08. (Air temp. 74° F)

Habitat type & Length (ft)	First Pass				Second Pass				Third Pass/Fourth Pass				Number Est. / Density Est. per ft					
	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	C-3	Total
#17 Riffle 43 ft	25	19	0	6	8	7	0	1	3	3	0	0	37.3	30.6	0	7.1	0	37.7
#19 Riffle 28 ft	64	42	0	22	37	25	0	12	14	10	0	14	134.6	91.5	0	43.3	0	134.8
#20 Run 48 ft	76	65	0	11	49	46	0	3	22	21	0	1	183.5	174	0	15.3	0	189.3
#22 Pool Snorkel 375 ft	10	8	2	4									10	8	2	4	0	12
#23 Run Snorkel 97 ft (part of Pool in 2007)	47	39	0	8									47	39	0	8	0	47
All Habitats Combined 591 ft													412.4	343.1	2	77.7	0	420.8

Length of Stream Sampled (ft): 591 ft

Young-of-the-Year / Size Class 1 per Foot of Stream: 0.6978/0.5805

Yearlings and 2+ / Size Classes 2 and 3 per Foot of Stream: 0.0034/0.1315

Steelhead Sampling Results

Date: 09Sep08/14Oct08 Stream: SLR Sampled by: Alley, Steiner, Wheeler, Kittleson

Sampling Site: 6 (below Fall Creek) Water Temperature and Times: 69° F @ 1400 hr above

Fall Creek confluence, 11Aug08. Air temp 69° F @ 1400 hr.)

Habitat type & Length (ft)	First Pass				Second Pass				Third Pass/Fourth Pass				Number Est. / Density Est. per ft					
	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	C-3	Total
#8 Riffle 38 ft	22	21	0	1	15	15	0	0	5	5	0	0	52.1	51.9	0	1	0	52.9
#9 Run 84 ft	38	35	0	3	16	15	1	2	5	4	0	1	63.2	57.9	1	7.8	0	65.7
#17 Short Pool Snorkel 109 ft	1 Three Passes	0	1	2									1	0	1	2	0	2
#15 Long Pool Snorkel 357 ft	5	3	0	2									5	3	0	2	0	5
All Habitats Combined 588 ft													121.3	112.8	2	12.8	0	125.6

Length of Stream Sampled (ft): 588 ft

Young-of-the-Year / Size Class 1 per Foot of Stream: 0.2062/.1918

Yearlings and 2+ / Size Classes 2 and 3 per Foot of Stream: 0.0034/0.0218

Steelhead Sampling Results

Date: 11Sep08/14Oct08 Stream: SLR Sampled by: Alley, Steiner, Kittleson,
Wheeler

Sampling Site: 8 (below Clear Creek) Water Temperature and Times: 65° F @
1830hr, 11Aug08. (Air temp. 68° F)

Habitat type & Length (ft)	First Pass				Second Pass				Third Pass/ Fourth Pass				Number Est. / Density Est. per ft					
	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	C-3	Total
#9 Riffle 18 ft	25	23	0	2	8	7	0	1	2	2	0	0	36.2	32.9	0	3.3	0	36.2
#11 Riffle 32 ft	37	37	2	2	13	11	1	3	4	4	1	1	56.4	53.4	5.7	7.8	0	61.2
#10 Run 47 ft	68	65	6	9	12	11	0	1	10	10	0	0	90.4	86.5	6	10.1	0	96.6
#17 Short Pool snorkel 164 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
#29 Long Pool snorkel 326 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
All Habitats Combined 587 ft													183	172.8	11.7	21.2	0	194

Length of Stream Sampled (ft): 587 ft

Young-of-the-Year / Size Class 1 per Foot of Stream: 0.3118/ 0.2944

Yearlings and 2+ / Size Classes 2 and 3 per Foot of Stream: 0.0199/ 0.0361

Steelhead Sampling Results

Date: 11Sep08 Stream: SLR Sampled by: Alley, Steiner, Reis

Sampling Site: 11 (above Teihl Rd) Water Temp. and Times: 63° F @ 1701 hr,
12Aug08. (Air temp. 76 F).

Habitat type & Length (ft)	First Pass				Second Pass				Third Pass/Fourth Pass				Number Est. / Density Est. per ft					
	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	C-3	Total
#28 Run- 38 ft	14	14	0	0	3	3	0	0	0	0	0	0	17.4	17.4	0	0	0	17.4
#31 Riffle- 14 ft	5	5	0	0	1	1	0	0	1	1	0	0	7.2	7.2	0	0	0	7.2
#32 Pool-133 ft	37	34	1	4	11	11	1	1	9	9	0	0	60.6	58.4	2	4.1	1	63.5
All Habitats Combined 185 ft													85.2	83	2	4.1	1	88.1

Length of Stream Sampled (ft): 185 ft

Young-of-the-Year / Size Class 1 per Foot of Stream: 0.4605/ 0.4486

Yearlings and 2+ / Size Classes 2 and 3 per Foot of Stream: 0.0108/ 0.0276

Steelhead Sampling Results

Date: 08Sep08 Stream: Zayante Sampled by: Alley, Steiner, Wheeler

Sampling Site: 13a (below Bean Creek) Water Temperature and Times:

63° F @ 1451hr, 14Aug08. (Air temp. 68 F).

Habitat type & Length (ft)	First Pass				Second Pass				Third Pass/Fourth Pass				Number Est. / Density Est. per ft					
	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	C-3	Total
#17 Riffle 15 ft	6	6	0	0	3	3	0	0	0	0	0	0	10	10	0	0	0	10
#19 Pool 134 ft	29	28	2	3	10	9	2	3	4	4	0	0	44.9	42.7	4	6	0	48.7
#20 Pool 58 ft	29	26	1	4	8	7	1	2	7/1	7/1	0/0	0/0	45	41	2	6	0	47
#18 Run 75 ft	83	81	0	2	32	31	0	1	10	9	0	1	132.1	127.7	0	5.7	0	133.4
All Habitats Combined 282 ft													232	221.4	6	17.7	0	239.1

Length of Stream Sampled (ft): 282 ft

Young-of-the-Year / Size Class 1 per Foot of Stream: 0.8227/ 0.7851

Yearlings and 2+ / Size Classes 2 and 3 per Foot of Stream: 0.0212/ 0.0628

Steelhead Sampling Results

Date: 08Sep08 Stream: Zayante Sampled by: Alley, Steiner, Wheeler

Sampling Site: 13c (below Lompico Ck) Water Temp. and Times: 63° F @ 1340hr,
19Aug08. (Air temp. 70° F).

Habitat type & Length (ft)	First Pass				Second Pass				Third Pass/Fourth Pass				Number Est. / Density Est. per ft					
	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	C-3	Total
#24 Riffle/ 23 ft	5	5	0	0	2	2	0	0	0	0	0	0	7.5	7.5	0	0	0	7.5
#28 Pool 28 ft	26	26	1	1	10	10	2	2	1	1	0	0	39.2	39.2	3	3	0	42.2
#29 Pool 101 ft	44	44	1	1	37	37	0	0	16	16	2	2	105	105	3	3	0	108
#32 Step-Run 53 ft	44	44	0	0	18	16	0	2	6	6	1	1	72.6	69.4	0	3	0	72.4
All Habitats Combined 205 ft													224.3	221.1	6	9	0	230.1

Length of Stream Sampled (ft): 205 ft

Young-of-the-Year / Size Class 1 per Foot of Stream: 1.0941/ 1.0795

Yearlings and 2+ / Size Classes 2 and 3 per Foot of Stream: 0.0293/ 0.0439

Steelhead Sampling Results

Date: 10Sep08 Stream: Zayante Sampled by: Alley, Steiner, Wheeler

Sampling Site: 13d (below Mountain Charlie Gulch) Water Temp. and Times: 62°

F @ 1900hr, 19Aug08. (Air temp. 67° F).

Habitat type & Length (ft)	First Pass				Second Pass				Third Pass/ Fourth Pass				Number Est. / Density Est. per ft					
	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	C-3	Total
#21 Riffle 17 ft	8	8	0	0	2	2	0	0	0	0	0	0	10.3	10.3	0	0	0	10.3
#24 Run 29 ft	26	27	4	3	7	7	0	0	2	2	0	0	35.7	36.6	4	3	0	39.6
#17 Pool 65 ft	29	29	14	14	16	16	2	2	10/3	11/3	3/1	2/1	58	59	20	19	0	78
#20 Pool 18 ft	17	17	7	7	13	14	0	0	4	4	0	0	34	35	7	7	0	42
All Habitats Combined 129 ft													138	140.9	31	29	0	169.9

Length of Stream Sampled (ft): 129 ft

Young-of-the-Year / Size Class 1 per Foot of Stream: 1.0698/ 1.0922

Yearlings and 2+ / Size Classes 2 and 3 per Foot of Stream: 0.2403/ 0.2248

Steelhead Sampling Results

Date: 14Sep07 Stream: Lompico Sampled by: Alley, Steiner, Wheeler, Collins
Sampling Site: 13e (below turnout) Water Temp. and Times: 64° F @ 1641hr,
 20Aug08. (Air temp. 75° F).

Habitat type & Length (ft)	First Pass				Second Pass				Third Pass/Fourth Pass				Number Est. / Density Est. per ft					
	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	C-3	Total
#44 Pool 45 ft	8	8	2	2	4	4	0	0	3	3	0	0	18.5	18.5	2	2	0	20.5
#42 Pool 65 ft	2	2	7	7	0	0	1	1	0	0	0	0	2	2	8.1	8.1	0	10.1
#43 Riffle 10 ft	0	0	0	0	0	0	0	0					0	0	0	0	0	0
#46 Step-run 54 ft	12	12	1	1	4	4	0	0	0	0	0	0	16.8	16.8	1	1	0	17.8
All Habitats Combined 174 ft													37.3	37.3	11.1	11.1	0	48.4

Length of Stream Sampled (ft): 174 ft

Young-of-the-Year / Size Class 1 per Foot of Stream: 0.2144/ 0.2144

Yearlings and 2+ / Size Classes 2 and 3 per Foot of Stream: 0.0638/ 0.0638

Steelhead Sampling Results

Date: 9Sep08 Stream: Bean Ck Sampled by: Alley, Steiner, Wheeler
Sampling Site: 14b (below Lockhart Gulch.) Water Temp. and Times: 61° F @
 1640hr, 18Aug08. (Air temp. 66° F).

Habitat type & Length (ft)	First Pass				Second Pass				Third Pass/Fourth Pass				Number Est. / Density Est. per ft					
	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	C-3	Total
#53 Riffle 21 ft	16	16	0	0	3	3	0	0	0	0	0	0	19.3	19.3	0	0	0	19.3
#55 Pool 82 ft	21	21	1	1	17	17	0	0	2	2	0	0	41	41	1	1	0	42
#56 Pool 59 ft	21	20	4	5	8	8	1	1	3	3	1	1	33.9	33.1	6.3	7.2	0	40.3
#54 Run 36 ft	14	13	0	1	9	9	0	0	3	3	0	0	31.4	31.2	0	1	0	32.2
All Habitats 198 ft													124.8	124.6	7.3	9.2	0	133.8

Length of Stream Sampled (ft): 198 ft

Young-of-the-Year/ Size Class 1 per Ft of Stream: 0.6303/ 0.6293

Yearlings and 2+/ Size Classes 2 and 3 per Ft of Stream: 0.0369/ 0.0465

Steelhead Sampling Results

Date: 09Sep08 Stream: Bean Ck Sampled by: Alley, Steiner, Wheeler

Sampling Site: 14c (above Mackenzie Gulch.) Water Temp. and Times: 64° F @ 1640hr, 18Aug08. (Air temp. 68° F).

Habitat type & Length (ft)	First Pass				Second Pass				Third Pass/Fourth Pass				Number Est. / Density Est. per ft					
	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	C-3	Total
#13 Riffle 0 ft																		
#15 Riffle 0 ft																		
#12 Pool 0 ft																		
#14 Pool 0 ft																		
#26 Pool 0 ft																		
Pools Combined 0 ft																		
#27 Run 0 ft																		
All Habitats Combined 0 ft																		

Length of Stream Sampled (ft): Isolated puddles and dry streambed

Young-of-the-Year / Size Class 1 per Foot of Stream:

Yearlings and 2+ / Size Classes 2 and 3 per Foot of Stream:

Steelhead Sampling Results

Date: 19Sep08 Stream: Fall Ck Sampled by: Alley, Steiner, Reis

Sampling Site: 15 (above Highway 9) Water Temp. and Times: 55° F @ 1612hr.

17Sep08. (Air temp. 61° F).

Habitat type & Length (ft)	First Pass				Second Pass				Third Pass/Fourth Pass				Number Est. / Density Est. per ft					
	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	C-3	Total
#30 Riffle 45 ft	10	10	4	4	5	5	0	0	2	2	0	0	19.1	19.1	4	4	0	23.1
#26 Pool 36 ft	20	20	4	4	4	4	0	0	1	1	0	0	25.2	25.2	4	3	1	29.2
#29 Pool 30 ft	14	14	5	5	4	4	4	4	2	2	1	1	20.6	20.6	13.1	10.5	2.6	33.7
#25 Run 23 ft	13	13	0	0	7	7	0	0	3	3	0	0	26.5	26.5	0	0	0	26.5
All Habitats Combined 134 ft													91.4	91.4	21.1	17.5	3.6	112.5

Length of Stream Sampled (ft): 134 ft

Young-of-the-Year / Size Class 1 per Foot of Stream: 0.6821/0.6821

Yearlings and 2+ / Size Classes 2 and 3 per Foot of Stream: 0.1575/ 0.1575

Steelhead Sampling Results

Date: 18Sep07 Stream: Boulder Ck Sampled by: Alley, Steiner, Reis

Sampling Site: 17a (above Highway 9) Water Temp. and Times: 64° F @ 1728hr.

13Aug08. (Air temp. 69° F).

Habitat type & Length (ft)	First Pass				Second Pass				Third Pass/Fourth Pass				Number Est. / Density Est. per ft					
	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	C-3	Total
#8 Riffle 16 ft	6	5	1	2	2	2	0	0	2	2	0	0	11.3	11	1	2	0	13
#10 Pool 67 ft	17	17	1	1	11	11	0	0	6	5	0	1	44.2	41.4	1	2	0	43.4
#18 Pool 32 ft	9	9	2	2	3	3	1	1	3	3	0	0	17	17	3.3	3.3	0	20.3
#9 Run 29 ft	17	17	1	1	2	2	2	2	2	2	0	0	20.9	20.9	3	2	1	23.9
All Habitats Combined 144 ft													93.4	90.3	8.3	9.3	1	100.6

Length of Stream Sampled (ft): 144 ft

Young-of-the-Year / Size Class 1 per Foot of Stream: 0.6486/0.6271

Yearlings and 2+ / Size Classes 2 and 3 per Foot of Stream: 0.0576/ 0.0715

Steelhead Sampling Results

Date: 18Sep08 Stream: Boulder Ck Sampled by: Alley, Steiner, Reis

Sampling Site: 17b (Bracken Brae) Water Temp. and Times: 58° F @ 1437 hr,
14Aug08. (Air temp. 66° F).

Habitat type & Length (ft)	First Pass				Second Pass				Third Pass/Fourth Pass				Number Est. / Density Est. per ft					
	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	C-3	Total
#22 Step-run 26 ft	4	4	0	0	1	1	0	0	0	0	0	0	5.1	5.1	0	0	0	5.1
#26 Riffle/ Step-run 56 ft	13	13	0	0	4	4	1	1	1	1	0	0	18.5	18.5	1	1	0	19.5
#30 Pool 48 ft	47	47	5	5	27	27	0	0	23	23	0	0	109	109	5	5	0	114
#32 Pool 28 ft	8	8	0	0	4	4	0	0	2	2	0	0	16	16	0	0	0	16
All Habitats Combined 158 ft													148.6	148.6	6	6	0	154.6

Length of Stream Sampled (ft): 158 ft

Young-of-the-Year / Size Class 1 per Foot of Stream: 0.9405/0.9405

Yearlings and 2+ / Size Classes 2 and 3 per Foot of Stream: 0.0380/ 0.0380

Steelhead Sampling Results

Date: 11Sep08 Stream: Bear Ck Sampled by: Alley, Steiner, Wheeler

Sampling Site: 18a (above and below Hopkins Gulch) Water Temp. and

Times: 63° F @ 1304hr, 13Aug08.

Habitat type & Length (ft)	First Pass				Second Pass				Third Pass/Fourth Pass				Number Est. / Density Est. per ft					
	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	C-3	Total
#10 Riffle 9 ft	4	4	0	0	3	3	0	0	0	0	0	0	8.8	8.8	0	0	0	8.8
#11 Pool 113 ft	51	51	2	2	13	13	0	0	10/5	10/5	1/1	1/1	79	79	4	4	0	83
#13 Pool 24 ft	15	15	4	4	5	5	0	0	0	0	0	0	21	21	4	4	0	25
#14 Step-Run 52 ft	10	10	2	2	3	3	0	0	3/3	3/3	0	0	19	19	2	2	0	21
All Habitats Combined 198 ft													127.8	127.8	10	10	0	137.8

Length of Stream Sampled (ft): 198 ft

Young-of-the-Year / Size Class 1 per Foot of Stream: 0.6454/ 0.6454

Yearlings and 2+ / Size Classes 2 and 3 per Foot of Stream: 0.0505/ 0.0505

Steelhead Sampling Results

Date: 16Sep08 Stream: Branciforte Ck Sampled by: Alley, Steiner, Reis

Sampling Site: 21a-1 (below Granite Ck) Water Temp. and Times: 61° F @

1549 hr, 12Aug08. (Air temp. 67° F).

Habitat type & Length (ft)	First Pass				Second Pass				Third Pass/ Fourth Pass				Number Est. / Density Est. per ft					
	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	C-3	Total
#18 Riffle 35 ft	0	0	0	0	1	1	0	0	0	0	0	0	1	1	0	0	0	1
#19 Pool 25 ft	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1
#21 Pool 119 ft	2	2	0	0	1	1	0	0	0	0	1	1	3.3	3.3	1	1	0	4.3
#13 Run 14 ft	0	0	0	0	0	0	0	0					0	0	0	0	0	0
All Habitats Combined 193 ft													5.3	5.3	1	1	0	6.3

Length of Stream Sampled (ft): 193 ft

Young-of-the-Year / Size Class 1 per Foot of Stream: 0.0268/ 0.0268

Yearlings and 2+ / Size Classes 2 and 3 per Foot of Stream: 0.0050/ 0.0050

Steelhead Sampling Results

Date: 13Aug08 Stream: Branciforte Ck Sampled by: Alley, Steiner, Reis

Sampling Site: 21a-2 (below Granite Ck) Water Temp. and Times: 60° F @ 1707

hr, 13Aug08. (Air temp. 68° F).

Habitat type & Length (ft)	First Pass				Second Pass				Third Pass/Fourth Pass				Number Est. / Density Est. per ft					
	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	C-3	Total
#18 Run 13 ft	3	3	0	0	2	2	0	0	0	0	0	0	6	6	0	0	0	6
#21 Pool 61 ft	10	10	4	4	4	4	0	0	0	0	1	1	15	15	5	5	0	20
#23 Pool 58 ft	7	7	2	2	1	1	0	0	3/0	3/0	0/0	0/0	11	11	2	2	0	13
#29 Run 26 ft	8	8	2	2	2	2	0	0	1	1	0	0	11.2	11.2	2	2	0	13.2
All Habitats Combined 158 ft													43.2	43.2	9	9	0	52.2

Length of Stream Sampled (ft): 158 ft

Young-of-the-Year / Size Class 1 per Foot of Stream: 0.2734/ 0.2734

Yearlings and 2+ / Size Classes 2 and 3 per Foot of Stream: 0.0570 / 0.0570

Steelhead Sampling Results

Date: 22Sep08 Stream: Soquel Ck Sampled by: Alley, Steiner, Reis
Sampling Site: 1 Above Grange Water Temp. and Times: 63.5° F @ 1058 hr Air
Temp. 65° F.

Habitat type & Length (ft)	First Pass				Second Pass				Third Pass/Fourth Pass				Number Est. / Density Est. per ft					
	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	C-3	Total
#8 Run 31 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
#2 Riffle 22 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
#9 Pool 373 ft	7	4	1	4	12	7	2	7	11/4	6/4	0/0	0/5	34	21	3	14	2	37
All Habitats Combined 426 ft													34	21	3	14	2	37

Length of Stream Sampled (ft): 426 ft
Young-of-the-Year / Size Class 1 per Foot of Stream: 0.0799/ 0.0493
Yearlings and 2+ / Size Classes 2 and 3 per Foot of Stream: 0.0070/ 0.0376

Steelhead Sampling Results

Date: 22Sep08 Stream: Soquel Ck Sampled by: Alley, Steiner, Reis
Sampling Site: 4 Adjacent Flower Field. Water Temp. and Times: 71 F @ 1650 hr
Air Temp. 75 F

Habitat type & Length (ft)	First Pass				Second Pass				Third Pass/Fourth Pass				Number Est. / Density Est. per ft					
	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	C-3	Total
#26 Run 70 ft	57	57	0	0	10	10	0	0	6/1	6/1	0	0	74	74	0	0	0	74
#32 Riffle 21 ft	13	11	0	2	3	3	0	0	0	0	0	0	16.5	14.5	0	2	0	16.5
#33 Pool 94 ft	8	5	3	6	11	10	0	1	4	4	0	0	23	19	3	6	1	26
All Habitats Combined 185 ft													113.5	107.5	3	8	1	116.5

Length of Stream Sampled (ft): 185 ft
 Young-of-the-Year / Size Class 1 per Foot of Stream: 0.6135/ 0.5811
 Yearlings and 2+ / Size Classes 2 and 3 per Foot of Stream: 0.0162/ 0.0486

Steelhead Sampling Results

Date: 23Sep08 Stream: Soquel Ck Sampled by: Alley, Steiner, Reis
 Sampling Site: 10 (Above Allred) Water Temp. and Times: 65.5° F @ 1456 hr,
 22Aug08 (air temp. 69° F)

Habitat type & Length (ft)	First Pass				Second Pass				Third Pass/Fourth Pass				Number Est. / Density Est. per ft					
	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	C-3	Total
#16 Run Partial 59 ft	91	89	0	2	23	23	0	0	11	11	0	0	127	125.2	0	2	0	127.2
#23 Pool 151 ft	31	28	1	4	19	18	0	1	18/8	18/8	0	0	76	72	1	5	0	77
#15 Riffle 17 ft	29	29	0	0	4	4	0	0	3	3	0	0	36	36	0	0	0	36
All Habitats Combined 227 ft													239	233.2	1	7	0	240.2

Length of Stream Sampled (ft): 227 ft

Young-of-the-Year / Size Class 1 per Foot of Stream: 1.0529/ 1.0273

Yearlings and 2+ / Size Classes 2 and 3 per Foot of Stream: 0.0044/ 0.0308

Steelhead Sampling Results

Date: 23Sep08 Stream: Soquel Ck Sampled by: Alley, Steiner, Reis
Sampling Site: 12 Soquel Creek Rd Water Temp. and Times: 66.5° F @ 1525 hr.
22Aug08 Air Temp. 67° F.

Habitat type & Length (ft)	First Pass				Second Pass				Third Pass/Fourth Pass				Number Est. / Density Est. per ft					
	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	C-3	Total
#1 Run 74 ft	34	34	0	0	14	14	0	0	12/4	12/4	0	0	64	64	0	0	0	64
#2 Riffle 39 ft	10	10	0	0	5	5	0	0	0	0	0	0	16.7	16.7	0	0	0	16.7
#13 Pool 231 ft	77	76	0	1	29	28	0	1	19/7	16/7	0/0	3/0	131	127	1	5	0	132
All Habitats Combined 344 ft													211.7	207.7	1	5	0	212.7

Length of Stream Sampled (ft): 344 ft

Young-of-the-Year / Size Class 1 per Foot of Stream: 0.6154/ 0.6038

Yearlings and 2+ / Size Classes 2 and 3 per Foot of Stream: 0.0029/ 0.0145

Steelhead Sampling Results

Date: 25Sep08 Stream: E. Br. Soquel Ck Sampled by: Alley, Steiner, Wheeler
Sampling Site: 13a (Below Millpond) Water Temp. and Times: 67 F @ 1445 hr,
 1Sep07 (air temp. 73 F).

Habitat type & Length (ft)	First Pass				Second Pass				Third Pass				Number Est. / Density Est. per ft					
	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	C-3	Total
#8 Riffle (partial) 15 ft	5	5	0	0	0	0	0	0	0	0	0	0	5	5	0	0	0	5
#11 Run (Partial) 51 ft	19	19	0	0	4	4	0	0	3	3	0	0	26.3	26.3	0	0	0	26.3
#13 Pool 109 ft	27	27	1	1	29	27	1	3	9	9	3	3	65	63	5	7	0	70
All Habitats Combined 175 ft													96.3	94.3	5	7	0	101.3

Length of Stream Sampled (ft): 175 ft

Young-of-the-Year / Size Class 1 per Foot of Stream: 0.5503/ 0.5386

Yearlings and 2+ / Size Classes 2 and 3 per Foot of Stream: 0.0286/ 0.0400

Steelhead Sampling Results

Date: 24Sep08 Stream: E. Br. Soquel Ck Sampled by: Alley, Steiner, Reis
 Sampling Site: 16 (Below Long Ridge Rd) Water Temp. and Times: 59.5° F @
 1416 hr, 02Sep08; (air temp. 77° F).

Habitat type & Length (ft)	First Pass				Second Pass				Third Pass				Number Est. / Density Est. per ft					
	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	C-3	Total
#36 Pool 21 ft	19	20	5	5	2	2	1	1	1/0	1/0	0/0	0/0	27	23	6	6	0	29
#37 Pool 51 ft	54	55	8	7	11	11	1	1	1	1	0	0	66.9	67.9	9.1	8.1	0	76
#47 Pool 42 ft	12	13	5	4	7	7	1	1	3	3	0	0	26.1	26.5	6.1	5.1	0	31.6
#48 Step-run 70 ft	15	15	0	0	1	1	1	1	0	0	0	0	16	16	1	1	0	17
#49 Riffle 18 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
All Habitats Combined 202 ft													136	133.4	22.2	20.2	0	153.6

Length of Stream Sampled (ft): 202 ft

Young-of-the-Year / Size Class 1 per Foot of Stream: 0.6733/ 0.6604

Yearlings and 2+ / Size Classes 2 and 3 per Foot of Stream: 0.1099/ 0.1000

Steelhead Sampling Results

Date: 25Sep08 Stream: W. Br. Soquel Ck Sampled by: Alley, Steiner, Reis
Sampling Site: 19 (below Hester) Water Temp. and Times: 63° F @ 1832hr,
 25Aug08 (air temp. 69.5° F)

Habitat type & Length (ft)	First Pass				Second Pass				Third Pass/Fourth				Number Est. / Density Est. per ft					
	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	C-3	Total
#8 Run 18 ft	8	8	0	0	4	4	0	0	0	0	0	0	13.3	13.3	0	0	0	13.3
#9 Riffle 32 ft	20	19	0	1	4	4	0	0	2	2	0	0	26.1	25.1	0	1	0	26.1
#10 Pool 236 ft	88	81	1	8	46	41	0	5	11	11	0	0	161.9	147.6	1	15.3	0	162.9
All Habitat 286 ft													201.3	186	1	16.3	0	202.3

Length of Stream Sampled (ft): 286 ft

Young-of-the-Year / Size Class 1 per Foot of Stream: 0.7038/ 0.6503

Yearlings and 2+ / Size Classes 2 and 3 per Foot of Stream: 0.0035/ 0.0570

Steelhead Sampling Results

Date: 29Sep08 Stream: Aptos Ck Sampled by: Alley, Wheeler, Steiner
 Sampling Site: 3 (Adj. County Park) Water Temp. and Times: 58° F @ 1412hr,
 15Aug08; (air temp. 66° F).

Habitat type & Length (ft)	First Pass				Second Pass				Third Pass				Number Est. / Density Est. per ft					
	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	C-3	Total
#31 Pool 81 ft	20	19	1	2	9	9	2	2	2	2	0	0	33.5	32.7	3	3	0	35.7
#33 Pool 71 ft	22	17	2	7	8	7	0	1	4	3	0	1	36	29.1	2	9	0	38.1
#41 Run 40 ft	12	11	0	1	3	3	0	0	3/2	3/2	0/0	0/0	20	19	0	1	0	20
#32 Riffle 26 ft	4	4	0	0	1	1	0	0	0	0	0	0	5.1	5.1	0	0	0	5.1
All Habitats Combined 218 ft													94.6	85.9	5	13	0	98.9

Length of Stream Sampled (ft): 218 ft

Young-of-the-Year / Size Class 1 per Foot of Stream: 0.4339/ 0.3940

Yearlings and 2+ / Size Classes 2 and 3 per Foot of Stream: 0.0229/ 0.0596

Steelhead Sampling Results

Date: 29Sep08 Stream: Aptos Ck Sampled by: Alley, Steiner, Wheeler
Sampling Site: 4 (Above Steel Bridge) Water Temp. and Times: 58° F@ 1230 hr,
 16Aug08; (air temp. 65° F).

Habitat type & Length (ft)	First Pass				Second Pass				Third Pass				Number Est. / Density Est. per ft					
	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	C-3	Total
#35 Pool 135 ft	77	76	8	9	33	33	0	0	15	15	2	2	136.1	135.4	10	9	2	146.4
#37 Pool 96 ft	39	39	4	4	11	11	0	0	5	5	0	0	56.4	56.4	4	3	1	60.4
#36 Riffle 49 ft	25	25	1	1	10	9	0	1	2	2	0	0	39.3	37.7	1	2	0	39.7
#34 Run 29 ft	15	15	0	0	7	7	0	0	4	4	0	0	29.5	29.5	0	0	0	29.5
All Habitats Combined 309 ft													261.3	259	15	14	3	276

Length of Stream Sampled (ft): 309 ft

Young-of-the-Year / Size Class 1 per Foot of Stream: 0.8456/ 0.8382

Yearlings and 2+ / Size Classes 2 and 3 per Foot of Stream: 0.0485/ 0.0550

Steelhead Sampling Results

Date: 26Sep08 Stream: Valencia Ck Sampled by: Alley, Steiner, Reis
Sampling Site: 2 (below road crossing) Water Temp. and Times: 63° F@ 1435
hr, 21Aug08; (air temp. 75° F).

Habitat type & Length (ft)	First Pass				Second Pass				Third Pass				Number Est. / Density Est. per ft					
	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	C-3	Total
#33 Pool 51 ft	10	10	2	2	1	1	2	2	1	1	0	0	12	12	6	6	0	18
#35 Pool 32 ft	8	8	4	4	4	4	0	0	0	0	0	0	13.3	13.3	4	4	0	17.4
#37 Pool 58 ft	14	14	6	6	3	3	3	3	2	2	0	0	19.2	19.2	10	10	0	29.2
Pools Combined 141 ft													44.5	44.5	20	20	0	64.5
#32 Run 49 ft	4	4	2	2	3	3	1	1	0	0	0	0	8.8	8.8	3.3	3.3	0	12.1
#36 Riffle 17 ft	1	1	0	0	1	1	0	0	0	0	0	0	3	3	0	0	0	3
#38 Riffle 5 ft	2	2	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	2
All Habitats Combined 212 ft													58.3	58.3	23.3	23.3	0	81.6

Length of Stream Sampled (ft): 212 ft

Young-of-the-Year / Size Class 1 per Foot of Stream: 0.275/ 0.275

Yearlings and 2+ / Size Classes 2 and 3 per Foot of Stream: 0.1099/ 0.1099

Steelhead Sampling Results

Date: 26Sep08 Stream: Valencia Ck Sampled by: Alley, Steiner, Wheeler
Sampling Site: 3 (Above road crossing) Water Temp. and Times: 60° F @ 1632
hr, 22Aug08; (air temp. 64° F).

Habitat type & Length (ft)	First Pass				Second Pass				Third Pass				Number Est. / Density Est. per ft					
	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	C-3	Total
#1 Pool 37 ft	11	11	3	3	6	6	1	1	0	0	0	0	19.3	19.3	6	6	0	25.3
#3 Pool 33 ft	10	10	5	5	4	4	3	3	0	0	0	0	15	15	9.3	9.3	0	24.3
#15 Pool 69 ft	26	26	10	10	6	6	0	0	5	5	0	0	38	38	10	10	0	48
Pools Combined 139 ft													72.3	72.3	25.3	25.3	0	97.6
Run None sampled	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
#2 Riffle 12 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
#14 Riffle 44 ft`	5	5	2	2	2	2	0	0	0	0	0	0	8.6	8.6	2	2	0	10.6
All Habitats Combined 195 ft													80.9	80.9	27.3	27.3	0	108.2

Length of Stream Sampled (ft): 195 ft

Young-of-the-Year / Size Class 1 per Foot of Stream: 0.4149/ 0.4149

Yearlings and 2+ / Size Classes 2 and 3 per Foot of Stream: 0.14/ 0.14

Steelhead Sampling Results

Date: 30Sep08 Stream: Corralitos Ck Sampled by: Alley, Steiner, Reis. Sampling Site: 1 (below dam) Water Temp. and Times: 62° F @ 1632hr, 28Aug08; (air temp. 72°F)

Habitat type & Length (ft)	First Pass				Second Pass				Third Pass				Number Est. / Density Est. per ft					
	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	C-3	Total
#23 Pool 68 ft	28	28	9	9	12	12	4	4	5	5	0	0	48.8	48.8	14.1	13	1.1	62.9
#49 Pool 78 ft	17	17	5	5	8	8	0	0	5	5	0	0	34.6	34.6	5	5	0	39.6
#25 Riffle 45 ft	14	14	0	0	10	10	0	0	0	0	0	0	29.6	29.6	0	0	0	29.6
#24 Run 52 ft	21	21	2	2	6	6	0	0	6	6	0	0	35.8	35.8	2	2	0	37.8
All Habitats Combined 243 ft													148.8	148.8	21.1	20	1.1	169.9

Length of Stream Sampled (ft): 243 ft

Young-of-the-Year / Size Class 1 per Foot of Stream: 0.6123/ 0.6123

Yearlings and 2+ / Size Classes 2 and 3 per Foot of Stream: 0.0868/ 0.0868

Steelhead Sampling Results

Date: 30Sep08 Stream: Corralitos Ck Sampled by: Alley, Steiner, Wheeler
Sampling Site: 3 (above Colinas Drive) Water Temp. and Times: 62° F @ 1428
hr, 29Aug08; (air temp. 73° F).

Habitat type & Length (ft)	First Pass				Second Pass				Third Pass				Number Est. / Density Est. per ft					
	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	C-3	Total
#12 Pool 70 ft	14	14	6	6	8	8	1	1	2	2	1	1	27.5	27.5	8.1	7.1	1	35.6
#13 Pool 96 ft	11	11	7	7	6	6	2	2	2	2	0	0	21.7	21.7	9.3	8.3	1	31
#14 Riffle 8 ft	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1
#9 Run 37 ft	7	7	0	0	1	1	0	0	0	0	0	0	8.1	8.1	0	0	0	8.1
All Habitats Combined 211 ft													58.3	58.3	17.4	15.4	2	75.7

Length of Stream Sampled (ft): 211 ft
Young-of-the-Year / Size Class 1 per Foot of Stream: 0.2763/ 0.2763
Yearlings and 2+ / Size Classes 2 and 3 per Foot of Stream: 0.0825/ 0.0825

Steelhead Sampling Results

Date: 1Oct08 Stream: Corralitos Ck Sampled by: Alley, Wheeler, Steiner
 Sampling Site: 8 (above Clipper Gulch) Water Temp. and Times: 62° F @ 1840
 hr, 29Aug08; (air temp. 65° F).

Habitat type & Length (ft)	First Pass				Second Pass				Third Pass				Number Est. / Density Est. per ft					
	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	C-3	Total
#55 Pool 39 ft	11	11	3	3	5	5	0	0	0	0	1	1	17.5	17.5	4	4	0	21.5
#58 Pool 100 ft	44	44	10	10	9	9	1	1	9/3	9/3	2/1	2/1	65	65	14	14	0	79
#57 Step-run 55 ft	5	5	0	0	2	2	1	1	2	2	0	0	11	11	1	1	0	12
#56 Riffle 9 ft	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1
All Habitats Combined 203 ft													94.5	94.5	19	19	0	113.5

Length of Stream Sampled (ft): 203 ft

Young-of-the-Year / Size Class 1 per Foot of Stream: 0.4655/ 0.4655

Yearlings and 2+ / Size Classes 2 and 3 per Foot of Stream: 0.0936/ 0.0936

Steelhead Sampling Results

Date: 1Oct08 Stream: Corralitos Ck Sampled by: Alley, Wheeler, Steiner
 Sampling Site: 9 (above Eureka Gulch) Water Temp. and Time: 57° F @ 1240 hr,
 03Sep08; (air temp. 63° F)

Habitat type & Length (ft)	First Pass				Second Pass				Third Pass				Number Est. / Density Est. per ft					
	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	C-3	Total
#56 Pool 26 ft	11	11	11	11	1	1	1	1	0	0	1	1	12	12	13	12	1	25
#58 Pool 30 ft	20	20	5	5	1	1	0	0	2	2	0	0	23	23	5	4	1	28
#29 Pool 23 ft	5	5	5	5	2	2	0	0	2	2	0	0	11	11	5	5	0	16
#57 Step-run 67 ft	17	17	2	2	2	2	0	0	0	0	0	0	19.1	19.1	2	2	0	21.1
All Habitats Combined 146 ft													65.1	65.1	25	23	2	90.1

Length of Stream Sampled (ft): 146 ft

Young-of-the-Year / Size Class 1 per Foot of Stream: 0.4459/ 0.4459

Yearlings and 2+ / Size Classes 2 and 3 per Foot of Stream: 0.1712/ 0.1712

Steelhead Sampling Results

Date: 01Oct08 Stream: Shingle Mill Gulch Sampled by: Alley, Steiner, Reis

Sampling Site: 1 (below 2nd Road crossing) Water Temp. and Times: 60° F @

1529hr, 28Aug08; (air temp. 74° F)

Habitat type & Length (ft)	First Pass				Second Pass				Third Pass				Number Est. / Density Est. per ft					
	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	C-3	Total
#30 Pool 42 ft	2	2	4	4	3	3	0	0	0	0	0	0	5	5	4	4	0	9
#32 Pool 15 ft	3	3	1	1	1	1	0	0	1	1	0	0	5.7	5.7	1	1	0	6.7
#33 Pool 14 ft	1	1	0	0	1	1	2	2	0	0	0	0	2	2	2	2	0	4
#23 Riffle 17 ft	4	4	0	0	0	0	0	0	0	0	0	0	4	4	0	0	0	4
#31 Step-run 17 ft	1	1	0	0	0	0	1	1	1	1	0	0	2	2	1	1	0	3
#34 Step-run 20 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
All Habitats Combined 142 ft													18.7	18.7	8	8	0	26.7

Length of Stream Sampled (ft): 142 ft

Young-of-the-Year / Size Class 1 per Foot of Stream: 0.1317/ 0.1317

Yearlings and 2+ / Size Classes 2 and 3 per Foot of Stream: 0.0563/ 0.0563

Steelhead Sampling Results

Date: 02Oct08 Stream: Shingle Mill Gulch Sampled by: Alley, Steiner, Wheeler

Sampling Site: 3 (above 3rd road crossing) Water Temp. and Times: 60° F @

1717hr, 28Aug08; (air temp. 72° F)

Habitat type & Length (ft)	First Pass				Second Pass				Third Pass				Number Est. / Density Est. per ft					
	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	C-3	Total
#51 Pool 23 ft	5	5	0	0	0	0	0	0	1	1	0	0	6.7	6.7	0	0	0	6.7
#53 Pool 54 ft	11	11	0	0	0	0	0	0	1	1	0	0	12.1	12.1	0	0	0	12.1
#55 Pool 43 ft	11	11	1	1	3	3	0	0	2	2	0	0	16.5	16.5	1	1	0	17.5
#52 Riffle 15 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
#63 Run 17 ft	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1
All Habitats Combined 152 ft													36.3	36.3	1	1	0	37.3

Length of Stream Sampled (ft): 152 ft

Young-of-the-Year / Size Class 1 per Foot of Stream: 0.2388/ 0.2388

Yearlings and 2+ / Size Classes 2 and 3 per Foot of Stream: 0.0066/ 0.0066

Steelhead Sampling Results

Date: 02Oct08 Stream: Browns Valley Ck Sampled by: Alley, Steiner, Wheeler
 Sampling Site: 1 (below diversion dam) Water Temp. and Times: 61° F @ 1723hr,
 25Aug08; (air temp. 78° F).

Habitat type & Length (ft)	First Pass				Second Pass				Third Pass				Number Est. / Density Est. per ft					
	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	C-3	Total
#1 Pool 65 ft	13	13	8	8	3	3	4	4	5	5	0	0	24.8	24.8	13.3	12.2	1.1	38.1
#3 Pool 56 ft	9	9	3	3	4	4	2	2	1	1	1	1	15.1	15.1	7.8	5.2	2.6	22.9
#2 Run 13 ft	1	1	0	0	0	0	0	0	1	1	0	0	2	2	0	0	0	2
#4 Riffle- Partial 58 ft	6	6	1	1	0	0	0	0	0	0	0	0	6	6	1	1	0	7
All Habitats Combined 192 ft													47.9	47.9	22.1	18.4	3.7	70

Length of Stream Sampled (ft): 192 ft

Young-of-the-Year / Size Class 1 per Foot of Stream: 0.2495/ 0.2495

Yearlings and 2+ / Size Classes 2 and 3 per Foot of Stream: 0.1151/ 0.1151

Steelhead Sampling Results

Date: 02Oct08 Stream: Browns Valley Ck Sampled by: Alley, Wheeler, Steiner
 Sampling Site: 2 (above diversion dam) Water Temp. and Times: 60 F@ 1454hr,
 27Aug08; (air temp. 74° F).

Habitat type & Length (ft)	First Pass				Second Pass				Third Pass				Number Est. / Density Est. per ft					
	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	YOY	C-1	1+	C-2	C-3	Total
#32 Pool 68 ft	4	4	6	6	3	3	3	3	3	3	1	1	10	10	10	9	1	20
#37 Pool 38 ft	13	13	4	4	2	2	3	3	1	1	0	0	16	16	8.8	7.5	1.3	24.8
#31 Run 23 ft	6	6	1	1	3	3	0	0	1	1	0	0	11.1	11.1	1	1	0	12.1
#30 Riffle 28 ft	9	9	0	0	3	3	0	0	1	1	0	0	13.5	13.5	0	0	0	13.5
All Habitats Combined 157 ft													50.6	50.6	19.8	17.5	2.3	70.4

Length of Stream Sampled (ft): 157 ft

Young-of-the-Year / Size Class 1 per Foot of Stream: 0.3223/ 0.3223

Yearlings and 2+ / Size Classes 2 and 3 per Foot of Stream: 0.1261/ 0.1261