

APPENDIX C. Habitat and Fish Sampling Data With Size Histograms.
(Included electronically in a separate PDF file.)

9-14-08

Paradise Park - 10a (habitat, R-1)

site	$\leq 75\text{mm SL}$	$\geq 75\text{mm SL}$	1*	$> 150\text{mm SL}$	$\left. \begin{matrix} \text{adult}^2 \\ \text{STH} \end{matrix} \right\}$	Juv. sucker	adult sucker
10a } 622'	1	6	0	0		25	6
10b }	0	7	0	0		0	13

Below Henry Cowell Bridge - R-4 - 9-14-08

22 (pool) = 375'	8	4	2	0		0	7
23 (run) = 97'	39	8	0	0		10	0

Rincon - R-2 10-12-08

#17 (pool) = 475'	3	1	1	1		0	4
#20 (pool) = 191'	1	13	0	0			

Below Fall Ck - R-6 10-14-08

Pool #15 = 357'	3	2	0	0	0	1	1
Pool #17 109'	0	2	1	1	0	0	0

Brookdale 10-14-08

Pool #16 = 164'	0	0	0	0		0	2
#24 = 326'	0	0	0	0		0	6

Date Sept 15, 2008 Stream SLR Site 1

Sta. # 12 Habitat Categories: Riffle Length: 42'
 Width: 27' Depth (M&R): $\bar{x} = 1.1 \rightarrow 1.8$ Tail Crest Depth: _____

60°F

Substrate: 1(Org.) ___ 1.1(silt) ³⁵ 1.2(<2mm) ___ 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 30

163
202

Total Escape Cover: 32' as 15' overhang veg, 10' whitewater, 7' boulders
 Total Overhead Cover: _____ as _____

129
114
243

% Canopy Closure: 46 as _____ %Deciduous 40

Algae (%cover, thickness, dist.): _____

Aquatic Vegetation (types, %cover, dist.): _____

Food Rating(I): _____

145
13

Fish#: SHT YY: 11(4) 2(0) 2(1) 1(0) Shocker Effectiveness: 365, 369, 243, 270
 1+/2+: 0(7) 0(2) 0(1) 0(1) 2 shockers
 COHO : _____

N 37.00656 W 122.04078

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	Prickly Sculpin
35-39	85-89	135-139	Coast Range Sculpin
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

(9 m 42)

Sta. # 13 Habitat Categories: Rvn Length: 90'
 Width: 30' Depth (M&R): $\bar{x} = 1.2 \rightarrow 1.5$ Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) ___ 1.2(<2mm) ___ 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 45

320
313
637

Total Escape Cover: 12' as 7' whitewater, 5' boulders
 Total Overhead Cover: _____ as _____

322
263
585

% Canopy Closure: 52 as _____ %Deciduous 70

Algae (%cover, thickness, dist.): _____

Aquatic Vegetation (types, %cover, dist.): _____

Food Rating(I): _____

219
240

Fish#: SHT YY: 17(8) 2(1) 4(1) 0(0) Shocker Effectiveness: 633, 585, 459, 463
 1+/2+: 0(9) 0(1) 0(3) 0(0)
 COHO : _____

23(10)
0(13)

204
221
463

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	Coast Range Sculpin (88) (1)
35-39	85-89	135-139	Prickly Sculpin
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Electrofishing Data Sheet

Project No. 200-06 Site No. 1
 Stream Name SLR Date Sept 15, 2008

#12

#13
UN

Pass No.	Species	Length (mm)			FL Weight (gm)		Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)			F.L. Weight (gm)		Scales	Stomach	Mort	Sex (m/f)
		SL	FL	TL	FL	TL							SL	FL	TL	FL	TL				
1	STH	1	2	8	1	4	3							6	4	7	1				
			9	3	1	0	3					2	STH	8	4	9	2				
			9	8	1	0	9							6	2	7	0				
			9	9	1	1	0					3	STH	8	4	9	3				
			9	4	1	0	3							7	6	8	4				
			7	5		8	4							7	7	8	6				
			7	4		8	3							4	9	5	5				
			7	7		8	6					4	STH								
			7	4		8	3														
			7	2		8	0														
	6	0		6	8																
2	STH	1	0	5	1	1	5														
			8	0		8	9														
3	STH	1	0	8	1	1	8														
			7	1		7	9														
4	STH		8	2		9	0														
1		1	1	0	1	2	2														
			9	9		1	0	9													
			9	8		1	0	8													
			9	8		1	0	8													
			6	7		7	4														
			7	6		8	4														
			7	0		7	8														
			8	3		9	2														
			9	2	1	0	2														
			7	2		8	0														
			6	6		7	3														
			8	4		9	3														
			8	8		9	7														
			6	2		6	9														
			4	9		5	5														
			6	8		7	6														

Date Sept 16-08 Stream SLR Site 2-Rincon

Sta. # 24 Habitat Categories: RUN Length: 54'
 Width: 30 Depth (M&R): X=1.5 → 2.8 Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) 1.2(<2mm) 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 30

Total Escape Cover: 28' as 7' undercut, 8' whitewater, 13' boulder
 Total Overhead Cover: _____ as _____

% Canopy Closure: 50 as _____ %Deciduous 60
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: 1st Pass 2nd Pass 3rd Pass
 SHT YY: 29 (10) 16 (8) 9 (5) 65 (37.6) Shocker Effectiveness: _____
 1+ / 2+: 2 (21) 0 (8) 0 (4) 2 (35.3) 622, 543, 520
 COHO : _____ 2 shockers

61°

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	CR Sculpin
35-39	85-89	135-139	Prickley
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Sta. # 25 Habitat Categories: Riffle Length: 43'
 Width: 35 Depth (M&R): X=0.8 → 1.3 Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) 1.2(<2mm) 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 25

Total Escape Cover: 30' as 16' whitewater, 14' boulders
 Total Overhead Cover: _____ as _____

% Canopy Closure: 32 as _____ %Deciduous 70
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: 1st Pass 2nd Pass 3rd Pass
 SHT YY: 40 (16) 14 (6) 8 (2) 629 (29.3) Shocker Effectiveness: _____
 1+ / 2+: 0 (24) 0 (8) 0 (6) 0 (40.9) 581, 570, 578
 COHO : _____ 2 shockers

N 37.01495

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	Prickley sculpin
35-39	85-89	135-139	CR Sculpin
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Electrofishing Data Sheet

Page 1 of 2

Project No. 200-06 Site No. 2-Rincon
 Stream Name SLR Date Sept 16-09

H
24
Run

Pass No.	Species	Length (mm)			Weight (gm)		Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)			Weight (gm)		Scales	Stomach	Mort	Sex (m/f)	
		SL	FL	TL	F.L.	F.L.							SL	FL	TL	F.L.						
1	STH	1	4	9	1	6	6															
		1	3	3	1	4	7															
		1	1	2	1	2	3															
		1	0	6	1	1	8															
		8	6		9	4																
		8	4		9	4																
		7	7		8	6																
		8	4		9	4																
		8	8		9	8																
		6	3		7	0																
		9	3	1	0	3																
		7	8		8	0																
		7	9		8	7																
		8	6		9	4																
		8	3		9	2																
		7	5		8	3																
		8	5		9	4																
		5	8		6	4																
		9	3	1	0	3																
		7	0		7	7																
7	3		8	1																		
9	1	1	0	1																		
8	8		9	8																		
6	5		7	3																		
8	2		9	1																		
5	5		6	2																		
7	5		8	3																		
7	6		8	4																		
7	0		7	7																		
2	STH	1	6	6	1	7	3															
		6	7		7	3																
2	STH	1	0	6	1	2	0															
		8	0		8	8																

a.c. D.A.

Electrofishing Data Sheet

Project No. 200-06 Site No. 2-Rincon
 Stream Name SLR Date Sept 16-08

Pass No.	Species	Length (mm)		Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)		Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)
		SL	TL								SL	TL					
	Cont.	79	87								62	69					
		97	107						2	STH	86	95					
		86	95								96	106					
		80	89								66	73					
		70	78								85	95					
		56	62								81	89					
		67	73								72	80					
		97	107								57	63					
		83	93								88	98					
		82	91								94	104					
		76	83								79	87					
		67	74								71	79					
		88	98								66	72					
		77	86								84	93					
		90	99								59	65					
		83	92						3	STH	91	101					
		81	90								84	93					
		82	90								97	108					
		67	74								73	81					
		52	56								82	91					
		71	79								68	75					
		86	95								100	110					
		82	91								89	98					
		73	80														
		77	85														
		81	90														
		76	84														
		85	94														
		78	86														
		72	80														
		63	70														
		69	76														

Date Sept 15, 2008 Stream SLR Site 4

Sta. # 17 Habitat Categories: RIPPLE Length: 43'
 Width: 20 Depth (M&R): Y = 0.7 → 1.0 Tail Crest Depth: _____
 Substrate: 1(Org.) ___ 1.1(silt) ___ 1.2(<2mm) ¹⁰ ___ 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 30
 Total Escape Cover: 0 as _____
 Total Overhead Cover: _____ as _____
 % Canopy Closure: 38 as _____ %Deciduous 98
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: _____
 SHT YY: 25 (19) 8 (7) 3 (3) 37.3(30.6) Shocker Effectiveness: _____
 1+/2+: 0 (6) 0 (1) 0 (0) 0 (7.1) 194, 173, 122
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	Coast Range Sculpin
35-39	85-89	135-139	Stickleback
40-44	90-94	140-144	Jumper
45-49	95-99	145-149	Dace
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Sta. # 20 Habitat Categories: RIPPLE Length: 28'
 Width: 37 Depth (M&R): X = 0.55 → 0.9 Tail Crest Depth: _____
 Substrate: 1(Org.) ___ 1.1(silt) ___ 1.2(<2mm) ¹⁵ ___ 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 20
 Total Escape Cover: 10' as 4' aquatic veg, 6' boulders
 Total Overhead Cover: _____ as _____
 % Canopy Closure: 28 as _____ %Deciduous 95
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: _____
 SHT YY: 64 (42) 37 (25) 14 (10) 134.6(91.5) Shocker Effectiveness: _____
 1+/2+: 0 (22) 0 (12) 0 (4) 0 (43.3) 566, 432, 396
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	Dace
35-39	85-89	135-139	Coast Range Sculpin
40-44	90-94	140-144	Jumper
45-49	95-99	145-149	Roach
50-54	100-104	150-154	Juv. Stickleback
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

N 37.04199 W 122.07070

236
320
173
259
432
164
232

Date Sept 15, 2008 Stream RUN Site 4

Sta. # 21 Habitat Categories: RUN Length: 48'
 Width: 41 Depth (M&R): 7 = 1.0 → 1.5 Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) 1.2(<2mm) 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 45

Total Escape Cover: 4.5' as boulders
 Total Overhead Cover: _____ as _____

% Canopy Closure: 44 as _____ %Deciduous 95
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: 1st Pass 2nd Pass 3rd Pass
 SHT YY: 76 (65) 49 (46) 22 (21) 183.5 (174) Shocker Effectiveness:
 1+/2+: 0 (1) 0 (3) 0 (1) 0 (15.3) 630, 598, 592
 COHO :

rd

2ND SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	ROACH III
30-34	80-84	130-134	CR SCULPIN III
35-39	85-89	135-139	LAMPREY III
40-44	90-94	140-144	JUV SUCKER I
45-49	95-99	145-149	SAUCE III
50-54	100-104	150-154	STICKLEBACK II
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Sta. # _____ Habitat Categories: _____ Length: _____
 Width: _____ Depth (M&R): _____ Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) ___ 1.2(<2mm) ___ 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: _____

Total Escape Cover: _____ as _____
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: 1st Pass 2nd Pass 3rd Pass
 SHT YY: _____ Shocker Effectiveness:
 1+/2+: _____
 COHO :

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

298
332
30
3
346
243
592

Electrofishing Data Sheet

Project No. 200-06 Site No. 4
 Stream Name SLR Date Sept 15, 2008

Pass No.	Species	Length (mm)		Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)		Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)		
		SL	TL								SL	TL							
#17 1	STH	7	3	81	A	H			3	STH	5	0	56	Light stream					
		6	7	75							6	5	72						
		7	4	82							6	8	75						
		7	4	82							1	1	90					#20 Ripple	
		5	6	62							8	4	94						
		7	6	84							6	5	73						
		7	9	87							8	0	89						
		7	i	78							8	7	97						
		5	7	63							5	6	62						
		4	3	47							7	5	83						✓
		6	2	68							7	6	84						
		5	0	56							7	5	83						
		8	3	91							5	7	63						
		6	8	75							6	3	70						
		7	6	84							7	3	82						
		6	3	69							7	0	79						
		5	6	62							6	6	73						
		8	4	94							6	5	72						
		5	7	63							8	4	92						
		7	6	84							6	0	66						
5	3	59	6	8	75														
5	9	61.5	7	5	83														
4	8	55	7	5	82														
5	2	58	6	4	71														
2	STH	5	2	58	6	3	70												
		5	7	63	8	8	98												
		5	2	57	6	6	73												
		6	0	67	6	4	71												
		5	8	64	8	8	98												
		5	3	58	6	3	69												
		7	7	86	7	5	83												
		7	4	81	6	7	73												

a.c. D.A.

Electrofishing Data Sheet

Project No. 200-06 Site No. 4
 Stream Name SLR Date Sept 15, 2008

Pass No.	Species	Length (mm)			Weight (gm)		Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)			Weight (gm)		Scales	Stomach	Mort	Sex (m/f)	
		SL	FL	TL	F.L.	F.L.							SL	FL	TL	F.L.	F.L.					
# 210 cont	1	STH	77			85																
			80			87																
			66			73																
			77			85						2	STH	88			97					
			72			80								71			78					
			61			67								65			71				Mort	
			72			80								71			78					
			61			67								55			61				Mort	
			86			95								76			83					
			63			69								71			78					
			70			78								61			67					
			81			89								113	1		26					
			77			85								77			85					
			80			89								78			86					
			69			76								66			73					
			63			70								65			72					
			76			83								57			63					
			69			76								92			102					
			53			57								75			83					
			77			85								91			101					
			57			63								71			79					
			71			79								64			71					
			55			61								55			62					
			67			75								88			98					
			66			74								63			70					
			72			80								56			61					
			60			66								69			76					
			56			63								66			73					
			57			65								64			71					
			74			81								62			69					
			57			63								75			82					
			73			80								57			63					

a.c. D.A.

Electrofishing Data Sheet

Project No. 200-06 Site No. 4
 Stream Name SLR Date Sept 15-08

Pass No.	Species	Length (mm)		Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)		Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)
		SL	TL								SL	TL					
2	STH Cont.	5	6	62							7	1	79				
		5	3	59							7	6	84				
		5	5	61							6	0	66				
		6	2	68							7	7	84				
		5	6	62							5	0	56				
		6	5	72							6	2	69				
		6	6	72							7	0	77				
		8	2	92							6	2	69				
		7	8	88							5	6	62				
		7	8	88							6	0	67				
3	STH	1	4	124							6	0	67				
		6	3	70						6	1	67					
		7	5	83						5	8	64					
		6	9	76						7	7	86					
		8	9	98						5	7	63					
		7	3	81						5	7	63					
		5	8	64						6	5	72					
		5	4	59						5	0	56					
		7	8	85						5	8	65					
		6	4	71						5	8	65					
		6	6	73						6	1	67					
		6	5	73						5	8	65					
		5	2	58						5	3	59					
		7	1	79						7	0	78					
1	STH	7	3	81						5	6	62					
		7	8	86						7	5	83					
		6	2	69						7	5	83					
		6	9	76						6	2	68					
		8	7	97						6	6	73					
		6	3	70						6	6	74					
		6	2	69						6	6	73					
		6	3	69						6	6	73					
		7	6	84						8	2	91					

light Trem 30

a.c. D.A

Electrofishing Data Sheet

Project No. 200-06 Site No. 4
 Stream Name SLR Date Sept 15-08

#20

Pass No.	Species	Length (mm)		Weight (gm)	Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)		Weight (gm)	Scales	Stomach	Mort	Sex (m/f)
		SL	FL TL								FL	TL					
	Cont		60	66								83	91				
			58	64								60	66				
			62	68								74	82				
			55	61								53	59				
			50	56					2	STH		75	83				
			60	66								59	65				
			68	75								62	69				
			65	72								68	75				
			62	68								58	64				
			59	65								59	65				
			75	83								51	58				
			73	82								57	63				
			53	59								53	59				
			61	68								59	65				
			60	66								70	77				
			58	64								63	69				
			52	58								56	62				
			52	57								88	63				MORT
			72	80								54	60				
			55	62								58	65				
			62	69								56	62				
			61	67								55	61				
			68	75								72	80				
			63	70								58	64				
			55	61								66	74				
			58	64								58	64				
			55	61								57	63				
			58	64								58	64				
			56	62								50	56				
			65	72								52	58				
			57	64								49	54				
			55	61								50	56				

O.C. P.A.

Electrofishing Data Sheet

Page 5 of 5

Project No. 200-06 Site No. 4
 Stream Name SLR Date Sept 15-08

Pass No.	Species	Length (mm)		Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)		Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)
		SL	TL								SL	TL					
2	Cont		66	74								57	63				
			67	63								54	60				
			60	66								60	66				
			53	59								71	78				
			80	89								70	77				
			87	96								73	58				
			62	69								52	58				
			72	80								66	73				
			55	61			MORT					67	73				
			74	81								66	73				
			74	82								53	69				
			65	73													
			72	80													
			50	56													
			58	64													
			64	71													
			51	56													
			63	70													
			52	58													
			63	70													
			48	54													
			63	69													
3	STH		66	74													
			59	65													
			71	79													
			70	78													
			60	66													
			75	83													
			73	81													
			54	60													
			70	78													
			57	63													

a.c. D.A.

Date Sept 9, 2008 Stream SLR Site 6

Sta.# 8 Habitat Categories: RIFLE Length: 38'
 Width: 22' Depth (M&R): X=0.5 → 0.8' Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) ___ 1.2(<2mm) 15 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 25

Total Escape Cover: 2' as terrestrial veg
 Total Overhead Cover: _____ as _____

% Canopy Closure: 62 as _____ %Deciduous 15
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: _____
 SHT YY: 22(21) 15(15) 5(5) 52.1(51.9) Shocker Effectiveness: _____
 1+ / 2+: 0(1) 0(0) 0(0) 0(1) 383, 285, 274
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	DACE IIII
35-39	85-89	135-139	Lamprey
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

60.5°F

Sta.# 9 Habitat Categories: RUI Length: 84'
 Width: 25 Depth (M&R): X=0.9 → 1.2 Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) ___ 1.2(<2mm) ___ 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 40

Total Escape Cover: 6' as 3' LWD, 3' terr. veg
 Total Overhead Cover: _____ as _____

% Canopy Closure: 80 as _____ %Deciduous 15
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: _____
 SHT YY: 38(35) 16(15) 5(4) 63.2(57.9) Shocker Effectiveness: _____
 1+ / 2+: 0(3) 1(2) 0(1) 1(7.8) 446, 428, 342
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	
35-39	85-89	135-139	Lamprey IIII IIII
40-44	90-94	140-144	dace I IIII
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

W 122.07648

N 37.05685

Electrofishing Data Sheet

Project No. 200-06 Site No. 6
 Stream Name SLR Date Sept 9, 2008

Pass No.	Species	Length (mm)		Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)		Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)	
		SL	TL								SL	TL						
1	STH	59	64						2	STH	62	69						
		52	58								34	60						
		65	73								57	63						
		64	72								51	56						
		67	76								58	65						
		60	66								56	62						
		64	72								52	57						
		81	90								58	64						
		61	69								54	60						
		50	55								53	59						
		48	54								59	65						
		63	70								53	59						
		60	66								76	84						
		57	63								63	69						
		62	69								53	59						
		55	62								68	76						
		57	63								68	76						
		53	59								53	59						
52	57						69	77										
51	58						53	60										
59	66						71	80										
58	65						52	58										
2	STH	58	66						61	68								
		50	56						50	58								
		51	56						66	73								
		68	76						64	71								
		67	75						57	62								
		47	54						70	78								
		52	58						54	60								
		67	74						66	73								
		52	58						54	60								
		56	63						57	64								

#8
Puff
cont.

#9
Puff
cont.

Electrofishing Data Sheet

Project No. 200-06 Site No. 6
 Stream Name SLR Date Sept 9, 2008

Pass No.	Species	Length (mm)			Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)			Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)
		SL	FL	TL								SL	FL	TL					
#9 RVA cont	STH		50		56					cont.	STH	65		72					#9 pva. cont.
			56		63						STH	49		56					
			85		95							51		56					
			67		75							76		84					
			44		50							50		57					
			51		57							50		56					
			51		57														
			63		70														
			75		83														
			55		63														
			54		61														
			51		57														
			46		51														
			51		57														
			45		51														
			44		49														
2	STH		59		66														
			65		73														
			50		56														
			80		90														
			50		55														
			55		61														
			98	108															
			51		56														
			58		65														
			47		63														
			55		62														
			53		60														
			60		67														
			46		51														
			54		61														
			61		68														

Date Sept 11, 2008 Stream SLR Site 8

Sta.# 11 Habitat Categories: Riffle Length: 32'
Width: 12 Depth (M&R): X=0.55 → 0.9' Tail Crest Depth: _____

Substrate: 1(Org.) _____ 1.1(silt) _____ 1.2(<2mm) _____ 2(2-5mm) _____ (5-25mm) _____
3(25-50mm) _____ 4(50-75mm) _____ 5(75-150mm) _____ 6(150-225mm) _____ 7(225-300) _____
8(300-600mm) _____ 9(>600mm) _____ 9.1(Bedrock) _____ %Embeddedness 6+: 25

Total Escape Cover: 3' as boulders
Total Overhead Cover: _____ as _____

% Canopy Closure: 62 as _____ %Deciduous 5

Algae (%cover, thickness, dist.): _____

Aquatic Vegetation (types, %cover, dist.): _____

Food Rating(I): _____

Fish#: _____
SHT YY: 37(37) 13(11) 4(4) 56.4(53.4) Shocker Effectiveness: _____
1+/2+: 2(2) 1(3) 1(1) 5.7(7.8) 210, 173, 150
COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Sta.# _____ Habitat Categories: _____ Length: _____
Width: _____ Depth (M&R): _____ Tail Crest Depth: _____

Substrate: 1(Org.) _____ 1.1(silt) _____ 1.2(<2mm) _____ 2(2-5mm) _____ (5-25mm) _____
3(25-50mm) _____ 4(50-75mm) _____ 5(75-150mm) _____ 6(150-225mm) _____ 7(225-300) _____
8(300-600mm) _____ 9(>600mm) _____ 9.1(Bedrock) _____ %Embeddedness 6+: _____

Total Escape Cover: _____ as _____
Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____

Algae (%cover, thickness, dist.): _____

Aquatic Vegetation (types, %cover, dist.): _____

Food Rating(I): _____

Fish#: _____
SHT YY: _____ Shocker Effectiveness: _____
1+/2+: _____
COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Electrofishing Data Sheet

Project No. 200-06 Site No. 8
 Stream Name SLR Date Sept 11, 2008

Pass No.	Species	Length (mm)			Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)	Pass No. cont	Species	Length (mm)			Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)
		SL	FL	TL								SL	FL	TL					
#5 1	STH	80	90	14	tr				2	STH	51	57	4	tr					
		68	77	"	"				3	STH	57	74							
		76	85	4	tr						52	58							
		59	65						1	STH	72	79							
		45	50								48	54							
		65	71								46	52							
		45	50								46	52							
		67	67								101	111							
		50	56								47	53							
		56	62								63	71							
		45	50								106	119							
		52	57								55	62							
		52	57								54	60							
		48	53								54	60							
		49	55								78	87							
		47	53								57	63							
		50	55								45	51							
		53	59								57	63							
		50	55								49	55							
		43	47								44	49							
54	61								95	106									
54	60								54	60									
58	65								94	103									
59	66								90	99									
57	63								65	72									
2	STH	54	60							57	63								
		82	89							63	70								
		54	60							66	75								
		53	59							48	54								
		53	59							64	73								
		60	67							72	80								
		51	57						65	72									

#10
Punt

Q.C. _____ D.A. _____

Electrofishing Data Sheet

Project No. 200-06 Site No. 8
 Stream Name SLR Date Sept 11, 2008

Pass No.	Species	Length (mm)		Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)		Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)
		FL	TL								FL	TL					
1	STH	46	52	49							41	46					
		44	49								55	61					
		64	71								45	50					
		78	87								60	66					
		66	73								52	57					
		56	62								46	51					
		51	56								53	59					
		41	45								52	58					
		59	66								47	52					
		72	80								50	56					
		64	72								44	49					
		48	53								47	52					
		85	95								47	53					
		44	49						2	STH	45	50					
		57	63								65	73					
		48	53								67	75					
		44	49								43	47					
		56	62								77	85					
		57	64								68	76					
		75	82								61	68					
		50	56								43	47					
		70	77								47	52					
		65	73								63	70					
		53	58								54	60					
		50	56								57	63					
		66	73								47	52					
		43	47						3	STH	47	53					
		53	59								53	59					
		56	62								49	55					
		51	56								44	49					
		56	63								51	57					
		46	51								53	59					

Electrofishing Data Sheet

Project No. 200-06 Site No. 8
 Stream Name SLR Date Sept 11, 2008

Pass No.	Species	Length (mm)			Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)	Pass No. cont	Species	Length (mm)			Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)		
		SL	FL	TL								SL	FL	TL							
3	STH		46		52					1	STH	55		61	5						
			46		52							56		63							
			41		46								65		73						
			42		47								60		66						
1	STH		64		71					2	STH	51		56							
			63		70								57		63						
			57		64								46		51						
			57		63								55		62						
			47		53								54		60						
			70		77								41		46						
			72		80								44		49						
			11	1	123								87		97						
			69		77								64		71						
			73		82								69		71						
			97		107								48		53						
			47		53								79		88						
			63		71								75		83						
			46		51								51		57						
			46		51								61		68						
			68		76								45		50						
			43		47								56		62						
	61		67						63		70										
	57		63						58		64										
	70		78						47		53										
	58		63						44		49										
	58		64						3	STH	92	1	02								
	55		61								71		78								
	58		64								50		56								
	55		61								53		59								
	58		65								63		70								
	53		59																		
	55		61																		

a.c. D.A.

Date Sept 11, 2008 Stream SLR Site 11

Sta. # 28 Habitat Categories: RUN Length: 38'
Width: 10 Depth (M&R): $\bar{x} = 0.35 \rightarrow 0.6$ Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) ___ 1.2(<2mm) ¹⁰ 2(2-5mm) ___ (5-25mm) ___
3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 45

Total Escape Cover: 0 as _____
Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
Algae (%cover, thickness, dist.): _____
Aquatic Vegetation (types, %cover, dist.): _____
Food Rating(I): _____

Fish#: _____
SHT YY: 14(14) 3(3) 0 17.4(17.4) Shocker Effectiveness: _____
1+ / 2+: 0 0 0 0 127, 107, 87
COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement: <u>S.L.</u>	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	<u>none</u>
35-39	85-89	135-139	
40-44 <u> </u>	90-94	140-144	
45-49 <u> </u>	95-99	145-149	
50-54 <u> </u>	100-104	150-154	
55-59 <u> </u>	105-109	155-159	
60-64 <u> </u>	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Sta. # 31 Habitat Categories: Riffle Length: 14'
Width: 22 Depth (M&R): $\bar{x} = 0.15 > 0.4$ Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) ___ 1.2(<2mm) ___ 2(2-5mm) ___ (5-25mm) ___
3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: _____

Total Escape Cover: _____ as _____
Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
Algae (%cover, thickness, dist.): _____
Aquatic Vegetation (types, %cover, dist.): _____
Food Rating(I): _____

Fish#: _____
SHT YY: 5(5) 1(1) 1(1) 7.2(7.2) Shocker Effectiveness: _____
1+ / 2+: 0 0 0 0 147, 125, 94
COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement: <u>S.L.</u>	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	
35-39	85-89	135-139	
40-44 <u> </u>	90-94	140-144	
45-49 <u> </u>	95-99	145-149	
50-54 <u> </u>	100-104	150-154	
55-59 <u> </u>	105-109	155-159	
60-64 <u> </u>	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Date Sept 11, 2008 Stream SLR Site 11

Sta.# 32 Habitat Categories: pool Length: 133'
 Width: 20 Depth (M&R): X=0.9 → 1.8 Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) ← 90 1.2(<2mm) → 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 60

Total Escape Cover: 10' as 3' root mass, 7' boulders
 Total Overhead Cover: _____ as _____

% Canopy Closure: 84 as _____ %Deciduous 60
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: 1st Pass 2nd Pass 3rd Pass
 SHT YY: 3(34) 11(11) 9(9) 60.6(68.4) Shocker Effectiveness:
 1+/2+: 1(4) 1(1) 0 2(5.1) 575, 442, 508
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	<u>ACE</u>
35-39	85-89	135-139	<u>CA SALAMANDER</u>
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Sta.# _____ Habitat Categories: _____ Length: _____
 Width: _____ Depth (M&R): _____ Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) ___ 1.2(<2mm) ___ 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: _____

Total Escape Cover: _____ as _____
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: 1st Pass 2nd Pass 3rd Pass
 SHT YY: _____ Shocker Effectiveness:
 1+/2+: _____
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Electrofishing Data Sheet

Project No. 200-06 Site No. 11
 Stream Name SLR Date Sept 11

Pass No.	Species	Length (mm)		Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)		Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)			
		SL	TL								SL	TL								
#28 1	STH	51	56			mid	hy	tr.			47	51			hu	tr.				
		64	71								47	51								
		55	61								70	77								
		43	48								63	70								
		40	45								61	67								
		53	59								61	67								
		60	67								68	76								
		47	52								61	67								
		44	49								62	68								
		50	56								64	71								
		44	50								60	67								
		42	46								60	67								
		49	55								50	56								
		51	57								69	76								
		2	STH	58	64			✓				60	66							
48	53						✓			48	54									
63	70									54	60									
#31 3	STH	0								54	60									
		61	67			mid	hy	tr.			76	84								
1	STH	46	52							72	80									
		43	47							60	67									
		56	62							56	62									
		43	48							65	72									
		52	57							68	75									
2	STH	52	57							53	59									
3	STH	48	54							58	64									
#32 1	STH	54	70			hy	tr.				59	65								
		68	75							59	65									
		50	56							75	83									
		79	87							63	70									
		62	69							57	56									
		54	60							54	60									
		61	67							47	53									

Electrofishing Data Sheet

Project No. 200-06 Site No. 11
 Stream Name SLR Date Sept 11, 2008

Pass No.	Species	Length (mm)			Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)			Weight (gm)	Scales	Stomach	Mort	Sex (m/f)
		SL	FL	TL								SL	FL	TL					
<u>1</u>	<u>STH</u>	<u>59</u>			<u>65</u>														
		<u>51</u>			<u>57</u>														
		<u>47</u>			<u>52</u>														
<u>2</u>	<u>STH</u>	<u>66</u>			<u>118</u>														
		<u>67</u>			<u>73</u>														
		<u>57</u>			<u>63</u>														
		<u>57</u>			<u>63</u>														
		<u>62</u>			<u>69</u>														
		<u>48</u>			<u>53</u>														
		<u>47</u>			<u>53</u>														
		<u>51</u>			<u>56</u>														
		<u>57</u>			<u>63</u>														
		<u>62</u>			<u>68</u>														
		<u>64</u>			<u>71</u>														
		<u>56</u>			<u>61</u>														
<u>3</u>	<u>STH</u>	<u>63</u>			<u>70</u>														
		<u>57</u>			<u>63</u>														
		<u>62</u>			<u>69</u>														
		<u>60</u>			<u>67</u>														
		<u>56</u>			<u>62</u>														
		<u>63</u>			<u>69</u>														
		<u>63</u>			<u>70</u>														
		<u>54</u>			<u>60</u>														
		<u>52</u>			<u>69</u>														

Date Sept 8, 08 Stream Zayante Site 13a

Sta. # 17 Habitat Categories: riffle Length: 15'
 Width: 36 Depth (M&R): X=0.2 → 0.4 Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) 1.2(<2mm) 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 20

Total Escape Cover: 0 as _____
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: 1st Pass 2nd Pass 3rd Pass
 SHT YY: 6(6) 3(3) 0 10(10) Shocker Effectiveness: na-85 only 1/2, 135, 129
 1+/2+: 0 0 0 0
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement: <u>S.L.</u>	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	<u>DACE III III</u>
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Sta. # 18 Habitat Categories: RUN Length: 75'
 Width: 23 Depth (M&R): X=0.65 → 1.0 Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) 1.2(<2mm) 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 30

Total Escape Cover: 2' as boulders
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: 1st Pass 2nd Pass 3rd Pass
 SHT YY: 83(81) 32(31) 10(9) 132.7(127.7) Shocker Effectiveness: 564, 524, 445
 1+/2+: 0(2) 0(1) 0(1) 0(5.7)
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement: <u>S.L.</u>	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	<u>Standard Salamander 1</u>
35-39	85-89	135-139	
40-44	90-94	140-144	<u>DACE III III III</u>
45-49	95-99	145-149	<u>WV Sucker II</u>
50-54	100-104	150-154	<u>Shovelback II</u>
55-59	105-109	155-159	<u>Trout</u>
60-64	110-114	160-164	<u>Road</u>
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Date Sept 8, 2008 Stream Zayante Site 13a

* SAME LOCATION (SAME LOCATION) DIFF FORMAT
 W 122.06377
 W 122.03832
 * N 37.05157
 N 37.03091

Sta. # 19 Habitat Categories: pool Length: 134'
 Width: 20' Depth (M&R): X=1.9' → 2.9' Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) 1.2(<2mm) 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 60

Total Escape Cover: 9.5' as 4' LWD, 5.5' boulders
 Total Overhead Cover: _____ as _____

% Canopy Closure: 54 as _____ %Deciduous 90
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: _____
 SHT YY: 29(29) 10(9) 4(4) 44.9(42.7) Shocker Effectiveness: _____
 1+/2+: 2(2) 2(2) 2 4(6) 654, 699, 610
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	Adult suckers II
30-34	80-84	130-134	Juv suckers IIIIIIIIIII
35-39	85-89	135-139	Yan-prime II
40-44	90-94	140-144	Roach I III
45-49 III	95-99	145-149	Shadblake IIIII
50-54 IIIIIIIIIII	100-104 I	150-154	Dace II
55-59 IIIIIIIIIII	105-109 I	155-159	Western pond turtle 1
60-64 III	110-114	160-164	75 x 62 cm
65-69 III	115-119	165-169	
70-74 II	120-124	170-174	
Other:			

Sta. # 20 Habitat Categories: pool Length: 58'
 Width: 17 Depth (M&R): X=1.1 → 1.9 Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) 1.2(<2mm) 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 50

Total Escape Cover: _____ as 3' LWD, 3' whitewater, 3' boulders
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: _____
 SHT YY: 29(26) 8(7) 7(7) 1(1) 45(41) Shocker Effectiveness: _____
 1+/2+: 1(4) 1(2) 0(0) 0(0) 2(6) 358, 297, 261, 197
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79 IIIII	125-129 I	Juv sucker IIIIIIIIIII
30-34	80-84	130-134	Roach IIIII II II
35-39	85-89	135-139	Dace III
40-44	90-94	140-144	Yan-prime I
45-49 II	95-99	145-149	Shadblake I IIIII III
50-54 III	100-104 I	150-154	
55-59 IIIIIIIIIII	105-109	155-159	
60-64 IIIIIIIIIII	110-114	160-164	
65-69 IIIIIIIIIII	115-119	165-169	
70-74 IIIII	120-124	170-174	
Other:			

85
135

Electrofishing Data Sheet

Page 1 of 4

Project No. 200-06 Site No. 132
Stream Name Zayante Date Sept 8, 08

Pass No.	Species	Length (mm)		Fork Length (mm)	Weight (gm)	Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)		Weight (gm)	Scales	Stomach	Mort	Sex (m/f)		
		FL	TL									FL	TL							
1	STH	61	69	4	tr.							56	61	H	tr.					
		50	56										49	53						
		55	62										52	58						
		47	52										56	63						
		56	62										60	66						
		56	62										55	61						
2	STH	54	58									61	67							
		46	51									49	55							
		52	56									45	51							
3	STH	55										53	59							
		1	STH	55	60								67	74						
		46	50									63	71							
		62	70									57	64							
		68	75									47	53							
		62	68									56	61							
		63	69									54	60							
		52	57									53	59							
		53	59									63	70							
		66	74									48	54							
		57	63									50	56							
		62	68									54	60							
		46	53									58	64							
		63	69									58	64							
		62	68									49	54							
		65	72									67	75							
		53	59									72	79							
		52	58									56	62							
		46	51									51	56							
		52	58									49	54							
		70	76									56	62							
		59	64									82	91							
		55	62									65	73							

Sta #17

#18 RVN

64

O.C. D.A.

Electrofishing Data Sheet

Project No. 200-06 Site No. 13a
 Stream Name Zayante Ck. Date Sept 8, 08

Pass No.	Species	Length (mm)		Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)		Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)						
		SL	TL								SL	TL											
18 cont PVN	/cont STH	48	54								53	59											
		53	57								56	62						56	62				
		56	62								46	51						47	53	60	66	50	55
		75	82								56	62						69	75	63	71	50	56
		51	56								42	48						52	58	57	65	53	57
		45	49								53	59						53	58	59	65	59	65
		43	47								53	59						53	58	53	58	61	67
		48	53								61	61						61	67	57	63	61	67
		53	59								45	51						63	70	45	50	47	53
		57	64								63	70						45	50	47	53	51	56
		57	64								63	70						63	70	45	50	47	53
		50	55								45	51						63	70	45	50	47	53
		53	59								63	70						45	50	47	53	51	56
		64	71								63	70						45	50	47	53	51	56
		53	59								63	70						45	50	47	53	51	56
		49	54								63	70						45	50	47	53	51	56
		56	61								63	70						45	50	47	53	51	56
		53	59								63	70						45	50	47	53	51	56
		54	60								63	70						45	50	47	53	51	56
		71	78								63	70						45	50	47	53	51	56
54	60	63	70	45	50	47	53	51	56														
56	63	63	70	45	50	47	53	51	56														
57	63	63	70	45	50	47	53	51	56														
43	47	63	70	45	50	47	53	51	56														
60	66	63	70	45	50	47	53	51	56														
65	72	63	70	45	50	47	53	51	56														
46	50	63	70	45	50	47	53	51	56														
52	58	63	70	45	50	47	53	51	56														
2	STH	71	79						3	STH	86	95											
		46	50								62	68											
		53	59								53	59											
		82	90								56	62											

Electrofishing Data Sheet

Project No. 200-6 Site No. 132
 Stream Name Zayante Date Sept 8, 08

Pass No.	Species	Length (mm)		FL Weight (gm) mm	Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)		Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)		
		SL	TL								SL	TL							
#18 cont 3	STH		53	59	H	tr					59	66	H	tr					
			49	55				58	63										
			48	53				56	62										
			47	53				55	61										
			53	59				2	STH	110	122								
#19 pool 1	STH	1	30	146							83	92							
			63	71								73	81						
			52	57								63	69						
			57	63								58	64						
			46	52								62	68						
			60	68								109	121						
			104	114									59	66					
			77	86									52	56					
			54	61									74	82					
			62	70									51	56					
			74	83									58	65					
			54	60									70	77					
			65	73									3	STH	54	61			
			52	57										46	51				
			54	60										54	60				
			46	52										50	55				
			51	57										1	STH	66	73		
			70	78															
			49	54															
			67	74															
	65	73																	
	50	56																	
	50	56																	
	56	62																	
	57	63																	
	50	55																	

#20 pool

Electrofishing Data Sheet

Project No. 200-06 Site No. 13a.
 Stream Name Zayante Date Sept 08, 200

#20 cont

Pass No.	Species	Length (mm)		FL Weight (gm) mm	Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)		Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)					
		SL	TL								SL	TL										
1	STH	5	6	6	1																	
		6	7	7	4																	
		6	0	6	7																	
		5	7	6	3					4	STH	6	5	7	2							
		5	1	5	7							6	2	7	0							
		6	1	6	8							5	5	6	1							
		7	1	7	7																	
		4	8	5	3																	
		6	5	7	3																	
		6	5	7	2																	
		7	5	8	3																	
		6	1	6	7																	
		6	3	7	0																	
		6	5	7	2																	
		5	0	5	6																	
		6	5	7	2																	
		5	5	6	2																	
4	8	5	3																			
5	5	6	1																			
2	STH	1	2	8	1	4	0															
		5	6	6	2																	
		7	5	8	3																	
		6	3	7	1																	
		5	2	5	7																	
		7	1	7	9																	
		5	0	5	5																	
7	2	8	0																			
5	2	5	7																			
3	STH	5	0	5	6																	
		4	3	4	7																	
		4	3	4	7																	
		5	9	6	6																	

Date Sept 8, 2008 Stream Zayante Site 13c

Sta. # 24 Habitat Categories: Riffle Length: 23'
Width: 6' Depth (M&R): X=0.2 → 0.4 Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) 1.2(<2mm) 2(2-5mm) ___ (5-25mm) ___
3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 10

Total Escape Cover: 0 as _____
Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
Algae (%cover, thickness, dist.): _____
Aquatic Vegetation (types, %cover, dist.): _____
Food Rating(I): _____

Fish#: SHT YY: 5(5) 2(2) 0 7.5 Shocker Effectiveness: _____
1+/2+: 0 0 0 0 65, 58, 59
COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement: <u>S,L</u>	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Sta. # 28 Habitat Categories: Pool Length: 28'
Width: 14' Depth (M&R): X=1.2 → 1.8 Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) 1.2(<2mm) 2(2-5mm) ___ (5-25mm) ___
3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 65

Total Escape Cover: 3' as boulders
Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
Algae (%cover, thickness, dist.): _____
Aquatic Vegetation (types, %cover, dist.): _____
Food Rating(I): _____

Fish#: SHT YY: 26(26) 10(10) 1(1) 39.2 Shocker Effectiveness: _____
1+/2+: 1(1) 2(2) 0 3 131, 142, 150
COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement: <u>S,L</u>	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Date Sept 8, 2008 Stream Zayante Site 13C

Sta.# 29 Habitat Categories: pool Length: 101'
 Width: 16 Depth (M&R): X=1.1 → 2.0 Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) 1.2(<2mm) 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 70

Total Escape Cover: 8' as bedrock ledges
 Total Overhead Cover: _____ as _____

% Canopy Closure: 90 as _____ %Deciduous 40

Algae (%cover, thickness, dist.): _____

Aquatic Vegetation (types, %cover, dist.): _____

Food Rating(I): _____

Fish#: 3rd Pass
 SHT YY: 44(44) 37(37) 16(16) 105 Shocker Effectiveness: _____
 1+2+: 1(1) 0 2(2) 3 342, 393, 335
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Sta.# 32 Habitat Categories: step run Length: 53'
 Width: 9 Depth (M&R): X=0.5 → 0.8 Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) 1.2(<2mm) 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 35

Total Escape Cover: 9.5' as 6.5' boulders, 3' bedrock ledges
 Total Overhead Cover: _____ as _____

% Canopy Closure: 70 as _____ %Deciduous 60

Algae (%cover, thickness, dist.): _____

Aquatic Vegetation (types, %cover, dist.): _____

Food Rating(I): _____

Fish#: 3rd Pass
 SHT YY: 44(44) 18(16) 6(6) 72.6(69.4) Shocker Effectiveness: _____
 1+2+: 0(0) 0(2) 1(1) 0(3) 281, 336, 261
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

3rd Pass
 N 37.07839 W 122.05251

Electrofishing Data Sheet

Project No. 200-06 Site No. 13c
 Stream Name Fayant's Date Sept 8, 2008

Pass No.	Species	Length (mm)		Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)		Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)			
		SL	FL TL								SL	FL TL								
#24 K. life	STH	57	63	H-mod to																
		48	53																	
		63	69																	
		48	54																	
		42	46																	
2	STH	61	68						2	STH	89	98								
		61	69								69	76								
3	STH										66	73								
											48	53								
#28 pool	1	STH	105	117																
																			57	64
																			40	46
																			60	67
																			62	68
																			63	70
																			65	72
																			51	57
																			55	61
																			48	54
																			56	62
																			57	63
																			53	60
																			62	68
																			51	57
																			56	62
																			50	56
																			65	72
																			36	40
																			41	46
56	62																			
50	56																			
43	47																			
47	52																			
																			34	38
																			38	43
																			49	54
																			69	76
																			66	73
																			47	52
																			49	55
																			55	62
																			64	72
99	109																			
55	61																			
40	45																			
53	58																			
57	64																			
																			57	64
																			56	62
																			55	61
																			61	68
																			51	57
																			94	105
																			44	48
																			63	70
																			58	65
56	62																			
65	71																			
49	55																			
47	52																			
46	51																			
61	66																			
45	51																			
52	56																			

#29
pool

Electrofishing Data Sheet

Project No. 200-06 Site No. 13c
 Stream Name Zayante Date Sept. 8, 2008

Pass No.	Species	Length (mm)		Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)		Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)	
		FL	TL								FL	TL						
# 29 pool cont	2 STH	39	44								47	53						
		65	72								66	73						
# 32 R.R.	3 STH	146	162								43	47						
		90	100								42	46						
		42	46								42	46						
		46	51								49	54						
		62	70								39	44						
		44	50								43	47						
		57	63								54	60						
		43	49								49	54						
		59	65								47	51						
		51	57								52	56						
		39	43								62	67						
		50	56								40	46						
		51	58								47	52						
		57	63								49	54						
		46	51								43	47						
		36	41								49	54						
		59	66								54	60						
		44	49								55	61						
		1 STH	35	61								55	61					
			50	56								70	77					
52	58									46	51							
52	68									48	53							
56	62									60	66							
66	73									59	65							
47	52									42	47							
40	45									39	45							
44	49									53	59							
68	75									43	47							
59	65									52	56							
62	69									41	45							

D.A.

Electrofishing Data Sheet

Project No. 200-06 Site No. 13c
 Stream Name Fajardo Date Sept 8, 2008

32
9/10/08

Pass No.	Species	Length (mm)		FL Weight (gm)		Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)			Weight (gm)	Scales	Stomach	Mort	Sex (m/f)		
		SL	TL	FL	TL							SL	FL	TL							
2	STH	5	5	6	1																
		8	3	9	2																
		4	7	5	3																
		6	2	6	9																
		6	4	7	1																
		4	6	5	2																
		6	8	7	5																
		5	6	6	2																
		6	0	6	6																
		7	5	8	3																
		6	3	7	0																
		5	1	5	6																
		4	0	4	4																
		3	9	4	4																
		5	7	6	3																
		4	9	5	4																
		5	4	6	0																
4	8	5	2																		
4	7	5	2																		
3	STH	1	0	1	0																
		5	0	5	5																
		5	1	5	6																
		7	4	8	2																
		5	5	6	1																
		4	9	5	4																
6	1	6	8																		

a.c. Dr. A.

Date Sept 10, 2008 Stream Zayante Site 13d

Sta.# 17 Habitat Categories: Dool Length: 65'
 Width: 20 Depth (M&R): X=0.7 → 1.5 Tail Crest Depth: _____

Substrate: 1(Org.) 1.1(silt) 1.2(<2mm) 2(2-5mm) (5-25mm)
 3(25-50mm) 4(50-75mm) 5(75-150mm) 6(150-225mm) 7(225-300)
 8(300-600mm) 9(>600mm) 9.1(Bedrock) %Embeddedness 6+: 50

Total Escape Cover: 12' as 4' LWD, 8' boulders
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

58°F

Fish#: 58(59)
 SHT YY: 27(29) 16(16) 10(11) 3(3) Shocker Effectiveness: 20(19)
 1+/2+: 14(14) 2(2) 3(2) 1(1) 305, 319, 270, 266
 COHO : _____

3910 BKV
2415 wd

W 122,04330

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	<u>Amphip</u> 0 1 0
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

N 37.08979

Sta.# 20 Habitat Categories: Dool Length: 18'
 Width: 12 Depth (M&R): X=0.9 → 1.0 Tail Crest Depth: _____

Substrate: 1(Org.) 1.1(silt) 1.2(<2mm) 2(2-5mm) (5-25mm)
 3(25-50mm) 4(50-75mm) 5(75-150mm) 6(150-225mm) 7(225-300)
 8(300-600mm) 9(>600mm) 9.1(Bedrock) %Embeddedness 6+: 30

Total Escape Cover: 5' as _____
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: _____
 SHT YY: 17(17) 13(14) 4(4) 34(35) Shocker Effectiveness: 99.77, 95
 1+/2+: 7(7) 0 0 7(7)
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	<u>Amphip</u> 1
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Date Sept 10, 2008 Stream Zuyante Site 13d

Sta.# 21 Habitat Categories: Riffle Length: 17'
 Width: 6' Depth (M&R): x=0.2 → 0.5' Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) 1.2(<2mm) ³⁰ 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 30

Total Escape Cover: 0 as _____
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#:		1st Pass	2nd Pass	3rd Pass	
SHT	YY:	<u>8(8)</u>	<u>2(2)</u>	<u>0</u>	<u>10.3</u>
	1+/2+:	<u>0</u>	<u>0</u>	<u>0</u>	<u>90, 75, 34</u>
COHO	:	_____	_____	_____	_____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	<u>S.L.</u>	_____
30-34	80-84	125-129	_____
35-39	85-89	130-134	_____
40-44	90-94	135-139	_____
45-49	95-99	140-144	_____
50-54	100-104	145-149	_____
55-59	105-109	150-154	_____
60-64	110-114	155-159	_____
65-69	115-119	160-164	_____
70-74	120-124	165-169	_____
Other:		170-174	_____

Sta.# 24 Habitat Categories: RVN Length: 29'
 Width: 8' Depth (M&R): x=0.5 → 0.9 Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) 1.2(<2mm) ²⁵ 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 45

Total Escape Cover: 1' as boulder
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#:		1st Pass	2nd Pass	3rd Pass	
SHT	YY:	<u>26(27)</u>	<u>7(7)</u>	<u>2(2)</u>	<u>35.7(36.6)</u>
	1+/2+:	<u>4(3)</u>	<u>0</u>	<u>0</u>	<u>187, 147, 167</u>
COHO	:	_____	_____	_____	_____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	<u>S.L.</u>	_____
30-34	80-84	125-129	_____
35-39	85-89	130-134	_____
40-44	90-94	135-139	_____
45-49	95-99	140-144	_____
50-54	100-104	145-149	_____
55-59	105-109	150-154	_____
60-64	110-114	155-159	_____
65-69	115-119	160-164	_____
70-74	120-124	165-169	_____
Other:		170-174	_____

Electrofishing Data Sheet

Project No. 200-06 Site No. 13d
 Stream Name Zwante Date Sept 10, 2008

Pass No.	Species	Length (mm)			Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)			Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)			
		SL	FL	TL								SL	FL	TL								
1	STH	12	9	14	3					cont	STH	5	8	6	3							
		3	6	4	0			✓				4	7	5	2							
		9	7	10	7							4	6	5	2							
		7	6	8	4							8	1	9	0							
		1	0	1	1	0							3	9	4	4						
		1	1	3	1	2	5							3	7	4	1					
		7	5	8	3							4	2	4	6							
		8	4	9	3							3	7	4	1							
		5	2	5	8							3	4	3	8							
		9	1	1	0	0							3	8	4	3						
		8	5	9	3							2	STH	9	9	1	0	9				
		5	0	5	6									7	6	8	4					
		8	7	9	6									5	4	6	0					
		8	1	8	9									6	2	6	9					
		6	1	6	8									4	5	5	1					
		5	6	6	1									5	1	5	7					
		5	6	6	2									6	1	6	7					
9	2	1	0	1					5	7	6			3								
5	5	6	1					3	8	4	2											
4	9	5	4					4	3	4	7											
5	4	6	0					5	3	5	9											
4	7	5	3					4	5	5	0											
5	8	6	4					5	4	6	0											
7	5	8	3					4	3	4	8											
4	2	4	7					5	4	6	0											
4	6	5	1					6	1	6	7											
5	2	5	7					3	5	3	9											
3	8	4	3					5	0	5	5											
4	3	4	7					3	STH	8	3	9	2									
4	2	4	6							7	3	8	2									
3	7	4	1							4	1	4	6									
4	2	4	6							9	6	1	0	6								

#17 pool

#17 pool cont.

Electrofishing Data Sheet

Project No. 200-06 Site No. 13d
 Stream Name Zayante Date Sep 10/2008

Pass No.	Species	Length (mm)			Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)			Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)
		SL	FL	TL								SL	FL	TL					
at 17 pool cont 3	STH	5	6		62					1	STH	5	1		57				
		4	4		49						cont	4	7		53				
		4	3		47							4	1		46				
		5	0		56							4	4		50				
		4	6		51							4	2		47				
		3	7		43					2	STH	5	8		64				
		4	8		54							7	3		80				
		5	3		59							5	1		57				
		5	3		59							4	3		48				
4	STH	7	9		87							5	4		60				
		4	7		52							4	6		51				
		4	9		55							5	2		57				
		3	9		44							5	5		62				
1	STH	8	8		97							5	2		58				
		1	1	2	1	2	1					4	4		48				
		4	9		55							3	5		39				✓✓
		9	4		104							3	1		34				
		6	0		66							4	8		53				
		8	6		96							4	2		47				
		8	0		88					3	STH	5	5		61				
		3	7		41							4	5		50				
		5	5		60							3	7		42				
		8	0		88							3	4		38				
		5	0		56							5	7		63				
		3	6		40					1	STH	4	7		53				
		8	6		95							5	2		56				
		5	7		63							3	5		39				
		3	7		41							3	1		34				
		4	2		46							4	0		45				
		3	9		43							4	8		54				
		5	1		57							4	3		47				✓✓
		4	7		53					2	STH	6	2		68				

3 STH 40.3 48 D.A.
 43

at 17 pool

#20

42
 2/1/12

Electrofishing Data Sheet

Project No. 200-06 Site No. 13d
 Stream Name Zayante Date Sept 10, 2008

Pass No.	Species	Length (mm)		Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)		Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)
		SL	TL								SL	TL					
#24 Eub	STH	103	113						#24 cont								
		83	93														
		79	89														
		72	80														
		42	48														
		58	66														
		63	69														
		57	63														
		48	53														
		49	54														
		52	58														
		60	66														
		53	59														
		40	45														
		48	53														
		39	44														
		37	41														
		42	53														
		50	56														
		58	64														
		53	59														
		46	51														
		43	48														
		43	48														
49	53																
60	67																
42	47																
46	51																
41	46																
37	43																
2	STH	45	51														
		51	57														

Date Sept 10, 2008 Stream Lompico Site 13E

Sta.# 42 Habitat Categories: POOL Length: 65'
 Width: 11' Depth (M&R): X=0.8 → 1.6' Tail Crest Depth: _____

56 F

Substrate: 1(Org.) ___ 1.1(silt) ___ 1.2(<2mm) 60 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 60

Total Escape Cover: 6' as 3' boulders, 3' ledge
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: SHT YY: 2(2) 0 0 2(2) Shocker Effectiveness: _____
 1+/2+: 7(7) 1(1) 0 8.1(8.1) 250, 104, 207
 COHO : _____

N 37.08653° W 122.05191

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	<u>S.L.</u>	
30-34	80-84	125-129	
35-39	85-89	130-134	
40-44	90-94	135-139	
45-49	95-99	140-144	
50-54	100-104	145-149	
55-59	105-109	150-154	
60-64	110-114	155-159	
65-69	115-119	160-164	
70-74	120-124	165-169	
Other:		170-174	

Sta.# 43 Habitat Categories: RIFLE Length: 10'
 Width: 4' Depth (M&R): X=0.1 → 0.4 Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) ___ 1.2(<2mm) ___ 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: _____

Total Escape Cover: 0 as _____
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: SHT YY: 0 0 0 0 Shocker Effectiveness: _____
 1+/2+: 0 0 0 0 66, 68
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	<u>S.L.</u>	
30-34	80-84	125-129	
35-39	85-89	130-134	
40-44	90-94	135-139	
45-49	95-99	140-144	
50-54	100-104	145-149	
55-59	105-109	150-154	
60-64	110-114	155-159	
65-69	115-119	160-164	
70-74	120-124	165-169	
Other:		170-174	<u>1 calif. giant salamander</u>

Date Sept 10, 2008 Stream Lompico Site 13E

Sta. # 44 Habitat Categories: Pool Length: 45'
 Width: 11' Depth (M&R): X=0.8 → 1.8' Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) ← 30 1.2(<2mm) ✓ 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 50

Total Escape Cover: 5.5' as 1.5' boulders, 4' bedrock ledge
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: SHT YY: 8(8) 4(4) 3(3) 18.5 Shocker Effectiveness: _____
2(2) 0 0 2 129, 183, 118
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:
25-29	75-79	125-129
30-34	80-84	130-134
35-39	85-89	135-139
40-44	90-94	140-144
45-49	95-99	145-149
50-54	100-104	150-154
55-59	105-109	155-159
60-64	110-114	160-164
65-69	115-119	165-169
70-74	120-124	170-174
Other:		

Other Species: _____

Sta. # 46 Habitat Categories: step-run Length: 54'
 Width: 8' Depth (M&R): X=0.3 → 0.5' Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) ← 40 1.2(<2mm) ___ 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 35

Total Escape Cover: 2' as boulders
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: SHT YY: 12(12) 4(4) 0 16.8 Shocker Effectiveness: _____
1(1) 0 0 1 239, 264, 158
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:
25-29	75-79	125-129
30-34	80-84	130-134
35-39	85-89	135-139
40-44	90-94	140-144
45-49	95-99	145-149
50-54	100-104	150-154
55-59	105-109	155-159
60-64	110-114	160-164
65-69	115-119	165-169
70-74	120-124	170-174
Other:		

Other Species: CA GIANT Salamander

Electrofishing Data Sheet

Project No. 200-06 Site No. 13E
 Stream Name Lompico Date Sept 10, 2008

Pass No.	Species	Length (mm)		Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)		Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)
		SL	FL TL								SL	FL TL					
#42 pool	STH	82	92						#46 cont.	STH	47	52					
		65	73								46	51					
		102	112								32	36					
		83	92								46	51					
		94	105								37	42					
		62	68								37	42					
		85	94								60	67					
		82	90								38	43					
		92	102								44	49					
		92	102								37	42					
#43	2	STH	90	100													
	3	STH	Ø														
	1	STH	Ø						2	STH	40	44					
	2	STH	Ø								43	48					
#44	1	STH	93	104							46	51					
			96	106							33	37					
			37	42							Ø						
			49	54					3	STH							
			53	59													
			72	80													
			55	62													
			36	40													
			45	51													
			42	47													
	2	STH	53	59													
			56	62													
			35	39													
			35	39													
	3	STH	42	46													
			34	38													
			52	57													
#46	1	STH	78	86													
			43	47													

Date Sept 9, 2008 Stream BEAN Site 14b

Sta.# 53 Habitat Categories: Riffle Length: 21'
Width: 10 Depth (M&R): X=0.2 → 0.4 Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) 1.2(<2mm) 2(2-5mm) ___ (5-25mm) ___
3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 30

Total Escape Cover: 0 as _____
Total Overhead Cover: _____ as _____

% Canopy Closure: 70 as _____ %Deciduous 75

Algae (%cover, thickness, dist.): _____

Aquatic Vegetation (types, %cover, dist.): _____

Food Rating(I): _____

Fish#: 1st Pass 2nd Pass 3rd Pass
SHT YY: 16(16) 2(2) 0 19.3 Shocker Effectiveness: _____
1+/2+: 0 0 0 0 139, 107, 96
COHO : _____

SHT(I) & Coho(*) Sizes (mm) Type of Length Measurement: S.L.

25-29	75-79	125-129	Other Species:
30-34	80-84	130-134	<u>Dace</u> <u>11</u> <u>11</u>
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	

Other: _____

Sta.# 54 Habitat Categories: Run Length: 36'
Width: 14 Depth (M&R): X=0.4 → 0.5 Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) 1.2(<2mm) 2(2-5mm) ___ (5-25mm) ___
3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 35

Total Escape Cover: 4' as aquatic veg.
Total Overhead Cover: _____ as _____

% Canopy Closure: 68 as _____ %Deciduous 70

Algae (%cover, thickness, dist.): _____

Aquatic Vegetation (types, %cover, dist.): _____

Food Rating(I): _____

Fish#: 1st Pass 2nd Pass 3rd Pass
SHT YY: 14(13) 9(9) 3(3) 31.4(31.2) Shocker Effectiveness: _____
1+/2+: 0(1) 0 0 0(1) 236, 179, 191
COHO : _____

SHT(I) & Coho(*) Sizes (mm) Type of Length Measurement: S.L.

25-29	75-79	125-129	Other Species:
30-34	80-84	130-134	<u>Dace</u> <u>11</u> <u>11</u>
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	

Other: _____

Electrofishing Data Sheet

Project No. 200-06 Site No. 146
 Stream Name BEAN Date Sept 9, 2008

Pass No.	Species	Length (mm)		FL Weight (gm) mm	Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)		F.L. Weight (gm)	Scales	Stomach	Mort	Sex (m/f)			
		FL	TL								FL	TL								
1	STH	47	52						1 cont	STH	49	54								
		60	68								39	44								
		63	70								2	STH	60	66						
		53	60					56					62							
		38	43								60	66								
		44	49								45	51								
		55	61								44	49								
		47	52								50	56								
		50	56								38	43								
		39	44								44	49								
		58	64								30	34								
		62	69								3	STH	56	62						
		56	62					38					43							
		44	49								35	39								
		37	42								1	STH	37	51						
46	51					59	65													
2	STH	56	62					70	77											
		44	50					43	47											
3	STH	52	59					53	59											
		52						66	74											
1	STH	64	71					62	68											
		52	58					53	59											
		75	83					45	51											
		56	62					57	63											
		55	61					43	47											
		44	49					53	59											
		53	59					45	51											
		52	57					48	53											
		42	46					46	51											
		42	47					49	55											
		53	59					54	60											
		36	40					51	57											

#55 pool

a.c. D.A.

Electrofishing Data Sheet

Project No. 200-06 Site No. 146
 Stream Name BEAN Date Sept 9, 2008

Pass No.	Species	Length (mm)			Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)			Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)
		SL	FL	TL								SL	FL	TL					
cont	STH	36			40					cont.	STH	56		63					
		47			53							52		57					
		47			53							76		85					
		58			64							68		74					
2	STH	67			74							55		62					
		62			69							70		78					
		62			70							65		72					
		53			59							60		67					
		41			46							39		43					
		57			64							69		77					
		59			66							42		47					
		41			46							43		49					
		44			49							40		45					
		62			69							36		40					
		54			60							36		41					
		50			56					2	STH	127		141					
		64			71							60		66					
		50			56							47		52					
		46			51							53		59					
		45			51							59		66					
		43			48							40		45					
3	STH	45			50							47		53					
1	STH	147			164							36		40					
		143			162							46		52					
		105			116					3	STH	123		137					
		48			54							60		67					
		123			136							45		50					
		61			68							65		72					
		48			54														
		39			43														
		51			57														
		71			79														

Q.C. D.A.

Date Sept 19-08 Stream Fallck Site 15

Sta. # 25 Habitat Categories: RuH Length: 23'
 Width: 17 Depth (M&R): X=0.4 → 0.6 Tail Crest Depth: _____

Substrate: 1(Org.) _____ 1.1(silt) _____ 1.2(<2mm) ³⁰ ✓ 2(2-5mm) _____ (5-25mm) _____
 3(25-50mm) _____ 4(50-75mm) _____ 5(75-150mm) _____ 6(150-225mm) _____ 7(225-300) _____
 8(300-600mm) _____ 9(>600mm) _____ 9.1(Bedrock) _____ %Embeddedness 6+: 35

Total Escape Cover: 0.5' as boulders
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: 1st Pass 2nd Pass 3rd Pass
 SHT YY: 13(13) 7(7) 3(3) 26.5 Shocker Effectiveness: _____
 1+/2+: 0 0 0 0 152, 203, 193
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement: <u>S.L.</u>	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Sta. # 26 Habitat Categories: pool, bedrock Length: 36'
 Width: 13 Depth (M&R): X=0.8 → 1.0 Tail Crest Depth: _____

Substrate: 1(Org.) _____ 1.1(silt) _____ 1.2(<2mm) ⁶⁰ ✓ 2(2-5mm) _____ (5-25mm) _____
 3(25-50mm) _____ 4(50-75mm) _____ 5(75-150mm) _____ 6(150-225mm) _____ 7(225-300) _____
 8(300-600mm) _____ 9(>600mm) _____ 9.1(Bedrock) _____ %Embeddedness 6+: 50

Total Escape Cover: 5' as 3' SWD, 2' boulders
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: 1st Pass 2nd Pass 3rd Pass
 SHT YY: 20(20) 4(4) 1(1) 25.2 Shocker Effectiveness: _____
 1+/2+: 4(4) 0 0 4 186, 173, 166
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement: <u>S.L.</u>	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

@ 09:54
 AIR 56°F
 WATER 52°F

GPS - N 37.05151
 W 122.08443

Date 19 Sept 08 Stream Fall CK Site 15

Sta. # 29 Habitat Categories: Pool (wood) Length: 30'
 Width: 13' Depth (M&R): x=1.0 → 1.4' Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) 1.2(<2mm) 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 50

Total Escape Cover: 12' as 3' undercut bank, 9' LWD
 Total Overhead Cover: _____ as _____

% Canopy Closure: 76 as _____ %Deciduous 20

Algae (%cover, thickness, dist.): _____

Aquatic Vegetation (types, %cover, dist.): _____

Food Rating(I): _____

Fish#: SHT YY: 14(14) 4(4) 2(2) 20.6 Shocker Effectiveness: _____
 1+ / 2+: 5(5) 4(4) 1(1) 13.1 275, 231, 196
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	S.L. Cal. Giant Salamander 0/1/0
30-34	80-84	130-134	
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Sta. # 30 Habitat Categories: Riffle (partial) Length: 45'
 Width: 9' Depth (M&R): x=0.4 → 0.6 Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) 1.2(<2mm) 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 15

Total Escape Cover: 15 as boulders
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____

Algae (%cover, thickness, dist.): _____

Aquatic Vegetation (types, %cover, dist.): _____

Food Rating(I): _____

Fish#: SHT YY: 10(10) 5(5) 2(2) 19.7 Shocker Effectiveness: _____
 1+ / 2+: 4(4) 0 0 4 217, 222, 217
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	S.L. Cal. Giant Salamander = 0/1/0
30-34	80-84	130-134	
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Electrofishing Data Sheet

Project No. 200-06 Site No. 15
 Stream Name Fall CK Date 19 Sept 08

Pass No.	Species	Length (mm)			Weight (gm)		Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)			Weight (gm)		Scales	Stomach	Mort	Sex (m/f)	
		SL	FL	TL	F.L.	F.L.							SL	FL	TL	F.L.						
1	STH	5	2		5	7							6	5		7	2					
		5	2		5	7							5	1		5	6					
		4	5		4	9							5	3		5	9					
		6	6		7	4							5	0		5	5					
		5	6		6	2							5	6		6	2					
		3	7		4	2							5	2		5	8					
		5	2		5	8							4	7		5	3					
		4	1		4	6							6	1		6	8					
		3	8		4	3							4	2		4	7					
		5	4		6	0							4	6		5	1					
		3	7		4	1							6	2		6	9					
		3	4		3	7							5	3		5	9					
		4	9		5	5							5	1		5	6					
		2	STH	4	4		4	8						5	1		5	6				
				4	6		5	1						3	8		4	2				
4	0				4	5				2	STH	3	6		3	9						
5	1				5	7						4	6		5	2						
3	6				4	1						3	8		4	2						
3	STH	4	6		5	2						3	1		3	4						
		5	1		5	7				3	STH	6	3		7	0						
		5	7		6	3				1	STH	1	6	0	1	7	5					
1	STH	4	4		4	8						1	6	3	1	8	0					
		10	8	1	9	0						1	2	8	1	4	3					
		9	5	1	0	5						1	2	0	1	3	3					
		7	3		8	0						4	7		5	3						
		7	3		8	0						7	4		8	2						
		7	3		8	0						7	9		8	8						
		7	8		8	7						5	1		5	7						
		8	2		9	1						4	3		4	8						
		6	8		7	6						5	3		5	9						
		5	0		5	6						5	5		6	1						
		4	6		5	1						5	1		5	6						

#25

#157 pool

pool #26

Electrofishing Data Sheet

Page 2 of 2

Project No. 200-06 Site No. 15
 Stream Name Fall CK Date 19 Sept 08

Pass No.	Species	Length (mm)			Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)			Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)
		SL	FL	TL								SL	FL	TL					
			52		59					2	STH	56		62					
			56		62							41		46					
			63		69							37		43					
			55		61							36		41					
			47		52							41		46					
			33		37					3	STH	53		59					
			43		48							46		52					
2	STH	1	38		54														
	Note	1	03		14														
	1 mark		80		88														
	41, 46		84		93														
			54		61														
			60		68														
			40		45														
3	STH		75		83														
			36		40														
			56		62														
1	STH	1	27		40														
			80		89														
			83		92														
			61		67														
		1	01		11														
			81		89														
			65		72														
			55		62														
			45		51														
			46		51														
			56		62														
			43		47														
			44		60														
			43		47														
			51		56														

a.c. D.A.

Date 18 Sept 08 Stream Boulder CK Site 17a

Sta. # 10 Habitat Categories: Bedrock Pool Length: 67'
 Width: 22 Depth (M&R): X=1.3 → 2.75 Tail Crest Depth: _____
 Substrate: 1(Org.) ___ 1.1(silt) ___ 1.2(<2mm) ³⁰ ___ 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 40

Total Escape Cover: 3' as boulders
 Total Overhead Cover: _____ as _____
 % Canopy Closure: 86 as _____ %Deciduous 40
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: 1st Pass 2nd Pass 3rd Pass
 SHT YY: 17(17) 11(11) 5(5) 44.2(41.4) Shocker Effectiveness: _____
 1+/2+: 1(1) 0 0(1) 1(2) 444, 40, 383
 COHO : _____

SHT(I) & Coho(*) Sizes (mm) Type of Length Measurement: S.L.

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	
35-39	85-89	135-139	Dace <u> </u>
40-44	90-94	140-144	
45-49	95-99	145-149	Lamprey <u> </u>
50-54	100-104	150-154	
55-59	105-109	155-159	Roach <u> </u>
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Sta. # 18 Habitat Categories: Pool - Bedrock Length: 32'
 Width: 13 Depth (M&R): X=1.8 → 2.3 Tail Crest Depth: _____
 Substrate: 1(Org.) ___ 1.1(silt) ___ 1.2(<2mm) ³⁰ ___ 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 35

Total Escape Cover: 4' as boulders
 Total Overhead Cover: _____ as _____
 % Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: 1st Pass 2nd Pass 3rd Pass
 SHT YY: 9(9) 3(3) 3(3) 17.0 Shocker Effectiveness: _____
 1+/2+: 2(2) 1(1) 0 3,3 181, 216, 200
 COHO : _____

SHT(I) & Coho(*) Sizes (mm) Type of Length Measurement: S.L.

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

@ 16:40 57°F H₂O Temp

BLCR17a-10
GPS N37.12645
W121.12422

Electrofishing Data Sheet

Project No. 200-06 Site No. 17a
 Stream Name Boulder CK Date 18 Sept 08

Pass No.	Species	Length (mm)			Weight (gm)			Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)			Weight (gm)			Scales	Stomach	Mort	Sex (m/f)				
		SL	FL	TL	F.L.	F.L.	SL							FL	TL	F.L.	F.L.										
1	STH	1	2	2	1	3	6					3	STH	5	4	6	0										
			7	8		8	6									6	2	6	9								
			6	6		7	2										6	1	6	8							
			7	2		8	0							#10		1	STH	1	1	4	1	2	6				
			7	0		7	7											6	1	6	8						
			4	9		5	5											5	1	5	7						
			6	3		7	0											5	6	6	2						
2	STH		6	8		7	5							6	5	7	2										
			6	4		7	1							5	9	6	5										
3	STH		6	2		6	8							4	9	5	5										
			6	3		7	0							4	8	5	3										
#9	STH	1	5	3	1	7	1							5	4	6	0										
			5	9		6	6								6	1	6	7									
			6	4		7	1								5	3	5	8									
			7	1		7	9								5	6	6	2									
			5	3		6	0								5	2	5	8									
			5	2		5	8								6	8	7	4									
			6	4		7	0								4	8	5	4									
			5	3		5	9								5	9	6	6									
			5	6		6	2								6	6	7	3									
			6	7		7	4								4	7	5	3									
			6	0		6	6							2	STH	4	7	5	3								
			6	6		7	2									5	6	6	2								
			4	9		5	5									4	8	5	3								
			7	0		7	6									5	5	6	1								
			5	3		5	9									5	3	5	9								
	5	5		6	0									5	9	6	6										
	4	5		5	0									5	6	6	2										
	4	9		5	5					X				6	3	7	0										
2	STH	1	0	6	1	1	6							5	5	6	2										
		1	2	6	1	3	8							6	5	7	2										
			6	2		6	9							5	3	5	8										

a.c. D.A.

Electrofishing Data Sheet

Project No. 200-06 Site No. 17a
 Stream Name Boulderck Date 18 Sept 08

Pass No.	Species	Length (mm)		Weight (gm)		Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)		Weight (gm)		Scales	Stomach	Mort	Sex (m/f)		
		SL	FL TL	F.L.	F.L.							SL	FL TL	F.L.	F.L.						
3	STH		62	70																	
			54	60																	
			79	87																	
			53	59																	
			60	66																	
			51	56																	
#18	1 STH	105	115																		
			69	76																	
			51	57																	
		110	120																		
			53	59																	
			69	76																	
			57	63																	
			61	68																	
			57	53																	
			58	64																	
			53	59																	
2	STH	122	135																		
			74	82																	
			56	62																	
			70	78																	
3	STH	43	47																		
			53	59																	
			47	53																	

a.c. D.A.

Date 18 Sep 08 Stream Boulder Site 176

Sta. # 22 Habitat Categories: step-run Length: 26'
 Width: 9 Depth (M&R): X = 0.6 → 0.9 Tail Crest Depth: _____

Substrate: 1(Org.) _____ 1.1(silt) _____ 1.2(<2mm) ¹⁰ _____ 2(2-5mm) _____ (5-25mm) _____
 3(25-50mm) _____ 4(50-75mm) _____ 5(75-150mm) _____ 6(150-225mm) _____ 7(225-300) _____
 8(300-600mm) _____ 9(>600mm) _____ 9.1(Bedrock) _____ %Embeddedness 6+: 25

Total Escape Cover: 4.5' as boulders
 Total Overhead Cover: _____ as _____

% Canopy Closure: 82 as _____ %Deciduous 10
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: SHT YY: 4(4) 1(1) 0 51 Shocker Effectiveness: 117, 151, 170
 1+/2+: 0 0 0 0
 COHO :

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Air Temp 57°F
 Water Temp 54°F
 @ 13:25

Sta. # 30 Habitat Categories: bedrock pool Length: 48'
 Width: 25 Depth (M&R): X = 1.5 → 2.8 Tail Crest Depth: _____

Substrate: 1(Org.) _____ 1.1(silt) _____ 1.2(<2mm) ³⁰ _____ 2(2-5mm) _____ (5-25mm) _____
 3(25-50mm) _____ 4(50-75mm) _____ 5(75-150mm) _____ 6(150-225mm) _____ 7(225-300) _____
 8(300-600mm) _____ 9(>600mm) _____ 9.1(Bedrock) _____ %Embeddedness 6+: 35

Total Escape Cover: 10' as boulders
 Total Overhead Cover: _____ as _____

% Canopy Closure: 80 as _____ %Deciduous 30
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: SHT YY: 47(47) 27(27) 23(23) 109 Shocker Effectiveness: 351, 386, 381
 1+/2+: 5(5) 0 0 5
 COHO :

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Bull Frog Tad 1 1
 Lamprey 1 1

Date 18 Sep 08 Stream Boulder Site 17b

Sta. # 31 Habitat Categories: riffle/step-run Length: 56'
 Width: 6' Depth (M&R): X=0.5→0.9 Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) ← 1.2(<2mm) → 2(2-5mm) ___, (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 0

Total Escape Cover: 8' as boulders
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#:	1st Pass	2nd Pass	3rd Pass	Shocker Effectiveness:
SHT YY:	<u>13(13)</u>	<u>4(4)</u>	<u>1(1)</u>	<u>18.5</u>
1+/2+:	<u>0</u>	<u>1(1)</u>	<u>0</u>	<u>143, 152, 177</u>
COHO :	_____	_____	_____	_____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

N 37.13889
W 122.14655

Sta. # 32 Habitat Categories: bedrock pool Length: 28'
 Width: 7' Depth (M&R): X=0.9→1.6 Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) ← 1.2(<2mm) → 2(2-5mm) ___, (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 35

Total Escape Cover: 7' as boulders
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#:	1st Pass	2nd Pass	3rd Pass	Shocker Effectiveness:
SHT YY:	<u>8(8)</u>	<u>4(4)</u>	<u>2(2)</u>	<u>16</u>
1+/2+:	<u>0</u>	<u>0</u>	<u>0</u>	<u>83, 85, 94</u>
COHO :	_____	_____	_____	_____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Electrofishing Data Sheet

Project No. 200-06 Site No. 176
 Stream Name Boulder Creek Date 18 Sep 08

Pass No.	Species	Length (mm)		Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)		Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)
		SL	FL TL								SL	FL TL					
#22 STH RVH	1	STH	3 6	4 1							3 8	4 2					
			4 6	5 2							3 6	3 9					
			4 6	5 1							3 5	3 8					
			4 3	4 7							4 0	4 5					
	2	STH	4 6	5 1			X				4 8	5 3					
	3	STH	Ø								5 2	5 6					
#30	1	STH	1 3 6	1 4 8							4 5	5 0					
			8 9	9 8							5 8	6 4					
			4 6	6 2							4 4	4 9					
			3 8	4 3							4 4	4 9					
			9 5	10 4							4 7	5 2					
			9 9	10 9							3 7	4 2					
			7 2	8 0							3 7	3 7					
			5 1	5 7							3 1	3 6					
			6 2	6 8							5 2	5 6					
			6 6	7 4							3 9	4 3					
			8 9	9 8							3 3	3 6					
			6 6	7 2							3 9	4 3					
			4 5	5 0							3 6	3 9					
			4 6	5 1							3 7	4 1					
			5 7	6 3							4 6	5 1					
			5 3	5 9							4 6	5 1					
			2 8	3 1							3 8	4 2					
			7 2	8 0							4 6	5 1					
			5 9	6 5							4 0	4 5					
			4 9	5 4							4 6	5 0					X
		3 5	3 9							3 6	3 9						
		4 4	4 8							3 5	3 8						
		3 8	4 2						2	STH	6 9	7 6					
		6 1	6 7								6 7	7 4					
		4 1	4 6								6 4	7 1					
		4 9	5 5								6 1	6 6					

a.c. D.A.

Electrofishing Data Sheet

Project No. 200-06 Site No. 17b
 Stream Name Boulder CK Date 18 Sept 09

Pass No.	Species	Length (mm)		Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)		Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)	
		SL	TL								SL	TL						
			47	43								53	57					
			44	49								42	46					
			58	65								44	48					
			54	60								43	47					
			53	58								37	42					
			49	55								69	76					
			44	48								60	66					
			52	58								46	52					
			53	59								35	40					
			57	63								48	53					
			38	42								43	58					
			43	49								38	43					
			44	48								41	46					
			46	52					1	STH		67	74					
			47	53					#31			54	60					
			42	46								43	47					
			36	40								53	58					
			44	50								46	51					
			46	51								49	54					
			44	48								33	36					
			43	47								39	43					
			31	34								41	46					
			39	43								38	42					
3	STH		69	76								33	37					
			44	49								43	48					
			65	71								39	43					
			48	54					2	STH		92	101					
			36	39								37	42					
			37	41								57	63					
			46	51								36	40					X
			36	40								44	50					
			39	43					3	STH		55	61					

Date Sept. 11, 2008 Stream BEAR CK Site 18z

Sta.# 10 Habitat Categories: Riffle Length: 9'
 Width: 22 Depth (M&R): X=0.1 → 0.3 Tail Crest Depth: _____

Substrate: 1(Org.) _____ 1.1(silt) _____ 1.2(<2mm) 15 2(2-5mm) _____, (5-25mm) _____
 3(25-50mm) _____ 4(50-75mm) _____ 5(75-150mm) _____ 6(150-225mm) _____ 7(225-300) _____
 8(300-600mm) _____ 9(>600mm) _____ 9.1(Bedrock) _____ %Embeddedness 6+: 60

Total Escape Cover: 0.5' as boulders
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: _____
 SHT YY: 4(4) 3(3) 0 8.8 Shocker Effectiveness: _____
 1+/2+: 0 0 0 0 95, 100, 84
 COHO : _____

61° F

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Sta.# 11 Habitat Categories: Pool Length: 113'
 Width: 20 Depth (M&R): X=1.4 → 2.5 Tail Crest Depth: _____

Substrate: 1(Org.) _____ 1.1(silt) _____ 1.2(<2mm) 50 2(2-5mm) _____, (5-25mm) _____
 3(25-50mm) _____ 4(50-75mm) _____ 5(75-150mm) _____ 6(150-225mm) _____ 7(225-300) _____
 8(300-600mm) _____ 9(>600mm) _____ 9.1(Bedrock) _____ %Embeddedness 6+: 35

Total Escape Cover: 4' as boulders
 Total Overhead Cover: _____ as _____

% Canopy Closure: 80 as _____ %Deciduous 30
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: _____
 SHT YY: 51(51) 13(13) 10(10) 5(5) 79(79) 4(4) Shocker Effectiveness: _____
 1+/2+: 2(2) 0 1(1) 1(1) 365, 327, 274, 289
 COHO : _____

4th pass

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			<u>CA giant salamander 1</u>

Date Sept 11, 2008 Stream BEAR CK Site 18a

Sta. # 13 Habitat Categories: pool Length: 24'
 Width: 13' Depth (M&R): X=1.0 → 1.6 Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) 1.2(<2mm) ¹⁵ 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 30

Total Escape Cover: 5' as 2' SWB, 2' boulders, 1 bedrock ledge
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: 1st Pass 2nd Pass 3rd Pass
 SHT YY: 15(15) 5(5) 0 21.0 Shocker Effectiveness: _____
 1+/2+: 4(4) 0 0 4 134, 148, 126
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement: <u>S.L.</u>	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Sta. # 14 Habitat Categories: step-run Length: 52'
 Width: 4' Depth (M&R): X=0.3 → 0.6 Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) 1.2(<2mm) ¹⁵ 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 35

Total Escape Cover: 2' as boulders
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: 1st Pass 2nd Pass 3rd Pass
 SHT YY: 10(10) 3(3) 3(3) 3(3) 19(19) 2(2) Shocker Effectiveness: _____
 1+/2+: 2(2) 0 0 0 150, 108, 138, ?
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement: <u>S.L.</u>	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	<u>CA Salamander 1</u>
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Electrofishing Data Sheet

Project No. 200-06 Site No. 18a
 Stream Name BEAR CK Date Sept. 11, 2002

Pass No.	Species	Length (mm)			Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)			Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)
		SL	FL	TL								SL	FL	TL					
#10 Rills	1 STH	6	6		6	7							4	6					
		4	2		4	6							4	1					
		4	9		5	4							4	1					
		4	3		4	7							3	5					
		4	8		5	3							6	0					
#11 Pool	2 STH	4	8		5	3							6	2					
		5	0		5	5							4	5					
		3	7		4	2							3	8					
#11 Pool	3 STH	4	3		4	7							6	3					
		1	0		1	0	hvy tr.						6	3					
#11 Pool	1 STH	9	5	1	0	5							6	4					
		4	7		5	3							5	1					
		6	6		7	3							5	2					
		4	7		5	3							5	6					
		4	2		4	7							3	8					
		3	6		4	1							4	9					
		5	8		6	5							4	3					
		6	3		6	9							4	4					
		4	7		5	3							3	9					
		6	1		6	8							5	4					
		5	0		5	6							5	6					
		4	4		4	9							5	0					
		4	9		5	4							6	1					
		4	5		5	1							5	4					
		6	0		6	6							4	6					
		5	1		5	7							4	1					
		6	3		6	9							5	1					
		5	1		5	6							4	3					
		6	3		6	9							5	6					
		5	0		5	5					2	STH	5	6					
4	3		4	7							4	8							
6	7		7	4							4	5							

a.c. D.A.

Electrofishing Data Sheet

Project No. 200-06 Site No. 18a
 Stream Name BEAR CK. Date Sept 11, 2008

Pass No.	Species	Length (mm)			Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)			Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)		
		SL	FL	TL								SL	FL	TL							
2	STH		63		71								97	107							
			65		72									99	109						
			54		60									58	64						
			59		65									63	70						
			57		63									41	46						
			48		53									44	49						
			61		68									46	51						
			42		47									52	57						
			50		55									49	55						
			52		57									63	70						
		3	STH	101	111	111									55	61					
				59	65										43	48					
				43	47										63	70					
59	65												39	44							
51	57									2	STH	56	62								
56	62											57	63								
38	42											63	69								
53	58											48	53								
48	53											45	50								
40	45										3	STH	0								
44	50										1	STH	119	131							
4	STH			147	163									92	101						
				53	59									53	59						
		44	50									51	56								
		41	46									51	56								
		40	44									52	57								
		45	50									58	64								
#13	1 STH	110	120		med to v heavy							60	66								
		48	53									64	70								
		73	79									47	52								
		87	95									59	65								
		53	57									47	52								

40.c. 54 D.A.

#14 Stop Fish

Date Sept 16, 2008 Stream Beauciforte Site 2/2-1

59°F @ 1531

Sta. # 18 Habitat Categories: Pitfalls Length: 35'
 Width: 3 Depth (M&R): X=0.2 → 0.7 Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) ___ 1.2(<2mm) ___ 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: _____

Total Escape Cover: _____ as _____
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#:	YY:	1st Pass	2nd Pass	3rd Pass	Shocker Effectiveness:
SHT		<u>0</u>	<u>100</u>	<u>0</u>	<u>1</u>
COHO	1+ / 2+:	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>

96, 50, 39

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	} present prickly sculpin CR sculpin stickleback
30-34	80-84	130-134	
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	

Other: _____

Sta. # 19 Habitat Categories: Pool Length: 25'
 Width: 9 Depth (M&R): X=1.0 → 1.4 Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) ___ 1.2(<2mm) ___ 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 50

Total Escape Cover: 3' as undercut bank
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#:	YY:	1st Pass	2nd Pass	3rd Pass	Shocker Effectiveness:
SHT		<u>100</u>	<u>0</u>	<u>0</u>	<u>1</u>
COHO	1+ / 2+:	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>

92, 76, 70

W 122.01376

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	} present prickly sculpin = 5/0/0 Coast range sculpin = 1/0/0 stickleback = 2/0/0
30-34	80-84	130-134	
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	

Other: _____

N 36.98946

Date 9/16/08 Stream Branciforte Site 21-a-1

Sta.# 13 Habitat Categories: run Length: 14'
 Width: 6 Depth (M&R): X=0.3 → 0.5 Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) ← 1.2(<2mm) → 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 35%

Total Escape Cover: 0 as _____
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#:	1st Pass	2nd Pass	3rd Pass	Shocker Effectiveness:
SHT YY:	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
1+/2+:	<u>0</u>	<u>0</u>	<u>0</u>	<u>43, 32</u>
COHO :	_____	_____	_____	_____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	Coast ranges. 2/0
30-34	80-84	130-134	prickly sculpin 1/0
35-39	85-89	135-139	_____
40-44	90-94	140-144	_____
45-49	95-99	145-149	_____
50-54	100-104	150-154	_____
55-59	105-109	155-159	_____
60-64	110-114	160-164	_____
65-69	115-119	165-169	_____
70-74	120-124	170-174	_____
Other:	_____	_____	_____

Sta.# 21 Habitat Categories: Pool Length: 119'
 Width: 12 Depth (M&R): X=1.7 → 3.0 Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) ← 1.2(<2mm) → 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: _____

Total Escape Cover: 17' as 10' undercut bank, 3' LWD, 4' root mas
 Total Overhead Cover: _____ as _____

% Canopy Closure: 62 as _____ %Deciduous 100
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#:	1st Pass	2nd Pass	3rd Pass	Shocker Effectiveness:
SHT YY:	<u>2(2)</u>	<u>1(1)</u>	<u>0</u>	<u>3.3</u>
1+/2+:	<u>0</u>	<u>0</u>	<u>1(1)</u>	<u>273, 260, 307</u>
COHO :	_____	_____	_____	_____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	prickly sculpin & present
30-34	80-84	130-134	stickleback
35-39	85-89	135-139	Sacramento suckers = 1 Adult 4 juv.
40-44	90-94	140-144	_____
45-49	95-99	145-149	_____
50-54	100-104	150-154	_____
55-59	105-109	155-159	_____
60-64	110-114	160-164	_____
65-69	115-119	165-169	_____
70-74	120-124	170-174	_____
Other:	_____	_____	_____

Electrofishing Data Sheet

Project No. 200-06 Site No. 21a-1
 Stream Name Beaufort Date Sept. 16, 2008

Pass No.	Species	Length (mm)			Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)			Weight (gm)	Scales	Stomach	Mort	Sex (m/f)
		SL	FL	TL								SL	FL	TL					
#18 H19 Puffin	1	STH	50		56	hy	tr												
	2	STH		0															
	3	STH		0															
H13 RVN	1	STH	53		59														
	2	STH		0															
	3	STH		0															
#21 Puffin	1	STH	73		82														
			70		78														
	2	STH	49		54														
	3	STH	133		146														

Date 19 Sept 08 Stream Branchforty CK Site 21-a-2

Sta. # 19 Habitat Categories: Riffle Length: 13'
 Width: 5 Depth (M&R): $\bar{x}=0.3 \rightarrow 0.5$ Tail Crest Depth: _____

Substrate: 1(Org.) _____ 1.1(silt) _____ 1.2(<2mm) _____ 2(2-5mm) _____ (5-25mm) _____
 3(25-50mm) _____ 4(50-75mm) _____ 5(75-150mm) _____ 6(150-225mm) _____ 7(225-300) _____
 8(300-600mm) _____ 9(>600mm) _____ 9.1(Bedrock) _____ %Embeddedness 6+: _____

Total Escape Cover: _____ as _____
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#:	1st Pass	2nd Pass	3rd Pass	Shocker Effectiveness:
SHT YY: <u>3(3)</u>	<u>2(2)</u>	<u>0</u>	<u>6</u>	<u>55, 27, 30</u>
1+/2+: <u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	
COHO :	_____	_____	_____	_____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	<u>S.L.</u> <u>Medium trout</u>
30-34	80-84	130-134	
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Sta. # 21 Habitat Categories: Pool Length: 61'
 Width: 13 Depth (M&R): $\bar{x}=1.1 \rightarrow 1.9$ Tail Crest Depth: _____

Substrate: 1(Org.) _____ 1.1(silt) _____ 1.2(<2mm) _____ 2(2-5mm) _____ (5-25mm) _____
 3(25-50mm) _____ 4(50-75mm) _____ 5(75-150mm) _____ 6(150-225mm) _____ 7(225-300) _____
 8(300-600mm) _____ 9(>600mm) _____ 9.1(Bedrock) _____ %Embeddedness 6+: 50

Total Escape Cover: 13' as 1' undercut bank, 12' boulders
 Total Overhead Cover: _____ as _____

% Canopy Closure: 58 as _____ %Deciduous 55
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#:	1st Pass	2nd Pass	3rd Pass	Shocker Effectiveness:
SHT YY: <u>10(10)</u>	<u>4(4)</u>	<u>0</u>	<u>15.0</u>	<u>293, 228, 210</u>
1+/2+: <u>4(4)</u>	<u>0</u>	<u>1(1)</u>	<u>5</u>	
COHO :	_____	_____	_____	_____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	<u>S.L.</u> <u>Suckers</u> <u>Sac Suckers - adult</u> <u>stickleback present</u> <u>Roach</u> <u>P. lamprey</u>
30-34	80-84	130-134	
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

@ 15:52, 56°F H₂O Temp

Date 19 Sept 08 Stream Brancitorle Site 21-a-2

Sta. # 23 Habitat Categories: Pool Length: 58'
 Width: 17' Depth (M&R): 0.7 → 1.2 Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) 1.2(<2mm) 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 60

Total Escape Cover: 3' as 2' undercut bank, 1' rootmas
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: _____
 SHT YY: 7(7) 1(1) 3(3) 0 Shocker Effectiveness: 236, 289, 233, 210
 1+/2+: 2(2) 0 0 0
 COHO : _____

N37, 01308
lat. W 121.99868

SHT(I)	Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29		75-79	125-129	
30-34		80-84	130-134	HEAVY TREMATODES on STM
35-39		85-89	135-139	
40-44		90-94	140-144	ROACH III
45-49		95-99	145-149	
50-54		100-104	150-154	LAMPREY
55-59		105-109	155-159	Stickleback Present
60-64		110-114	160-164	
65-69		115-119	165-169	
70-74		120-124	170-174	
Other:				

Sta. # 29 Habitat Categories: RUN Length: 26'
 Width: 10 Depth (M&R): 0.4 → 0.5 Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) 1.2(<2mm) 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: N/A

Total Escape Cover: 0 as _____
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: _____
 SHT YY: 8(8) 2(2) 1(1) 11.2 Shocker Effectiveness: 78, 82, 95
 1+/2+: 2(2) 0 0 2
 COHO : _____

SHT(I)	Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29		75-79	125-129	
30-34		80-84	130-134	
35-39		85-89	135-139	
40-44		90-94	140-144	Lamprey
45-49		95-99	145-149	
50-54		100-104	150-154	Stickleback Present
55-59		105-109	155-159	
60-64		110-114	160-164	
65-69		115-119	165-169	
70-74		120-124	170-174	
Other:				

Date 22 Sept 08 Stream Soquel Site 1

Sta. # 2 Habitat Categories: ripple Length: 22'
Width: 14 Depth (M&R): X=0.2 → 0.3 Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) 1.2(<2mm) 2(2-5mm) ___ (5-25mm) ___
3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 15

Total Escape Cover: 0 as _____
Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
Algae (%cover, thickness, dist.): _____
Aquatic Vegetation (types, %cover, dist.): _____
Food Rating(I): _____

Fish#:	1st Pass	2nd Pass	3rd Pass	Shocker Effectiveness:
SHT YY:	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
1+/2+:	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
COHO :	_____	_____	_____	<u>127, 81, 78</u>

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	
35-39	85-89	135-139	
40-44	90-94	140-144	<u>Sculpin</u>
45-49	95-99	145-149	<u>Coast Range X 8</u>
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Sta. # 8 Habitat Categories: run Length: 31'
Width: 31 Depth (M&R): X=0.25 → 0.4 Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) 1.2(<2mm) 2(2-5mm) ___ (5-25mm) ___
3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 30

Total Escape Cover: 0 as _____
Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
Algae (%cover, thickness, dist.): _____
Aquatic Vegetation (types, %cover, dist.): _____
Food Rating(I): _____

Fish#:	1st Pass	2nd Pass	3rd Pass	Shocker Effectiveness:
SHT YY:	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
1+/2+:	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
COHO :	_____	_____	_____	<u>154, 189, 160</u>

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	
35-39	85-89	135-139	<u>Stickleback present</u>
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	<u>C.R. Sculpin } > 50</u>
55-59	105-109	155-159	<u>Prickly Sculpin }</u>
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Date Sept 22-08 Stream Soguel Site 1

Sta. # 9 Habitat Categories: Pool Length: 373'
 Width: 33 Depth (M&R): X=1.5 → 2.9' Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) 1.2(<2mm) ⁹⁵ 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 35

Total Escape Cover: 53' as 27' undercut bank, 22' root mass, 4' aquatic veg.
 Total Overhead Cover: _____ as _____

% Canopy Closure: 70 as _____ %Deciduous 90
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: _____
 SHT YY: 7(4) 12(7) 11(6) 4(4) Shocker Effectiveness: 34(21)
 1+/2+: 1(4) 2(7) 0(5) 0 171, 1341, 978, 962
 COHO : _____

N36, 98206
W121, 95925

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:
25-29	75-79	125-129
30-34	80-84	130-134
35-39	85-89	135-139
40-44	90-94	140-144
45-49	95-99	145-149
50-54	100-104	150-154
55-59	105-109	155-159
60-64	110-114	160-164
65-69	115-119	165-169
70-74	120-124	170-174
Other:		

Other Species: Stickleback Present
Adult Sucker Juv. Sucker
C.R. Sculpin? P. Sculpin Present
SL/FL

Sta. # _____ Habitat Categories: _____ Length: _____
 Width: _____ Depth (M&R): _____ Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) ___ 1.2(<2mm) ___ 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: _____

Total Escape Cover: _____ as _____
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: _____
 SHT YY: _____ Shocker Effectiveness: _____
 1+/2+: _____
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:
25-29	75-79	125-129
30-34	80-84	130-134
35-39	85-89	135-139
40-44	90-94	140-144
45-49	95-99	145-149
50-54	100-104	150-154
55-59	105-109	155-159
60-64	110-114	160-164
65-69	115-119	165-169
70-74	120-124	170-174
Other:		

Other Species: _____

Electrofishing Data Sheet

Project No. 200-06 Site No. 1
 Stream Name Sequel Date 22 Sept 08

f2
10/16
f8
30
5
9
1000

Pass No.	Species	STD Length (mm)			FORK LENGTH Weight (gm) (mm)			Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)			Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)
		SL	FL	TL	SL	FL	TL							SL	FL	TL					
1	STH			Ø								3	STH	6	2	6	9				
2	STH			Ø										4	8	5	4				
3	STH			Ø											8	6	9	6			
1	STH			Ø											9	0	1	0	0		
2	STH			Ø											7	2	7	9			
3	STH			Ø											7	2	8	0			
1	STH		9	8	1	0	8								5	9	6	7			
		1	3	8	1	5	5					4	STH	7	3	8	2				
			9	4	1	0	5							6	7	7	5				
			8	3		9	2							6	0	6	6				
			5	4		6	0							6	1	6	7				
			7	0		7	7														
			6	1		6	7														
			6	8		7	4														
2	STH	1	7	4	1	9	1	*													
		1	0	8	1	2	1	*													
			8	4		9	4														
			8	0		9	0														
			7	5		8	4														
			7	1		7	9														
			9	7	1	0	8	*													
			8	8		9	8														
			7	4		8	2														
			6	8		7	5														
			6	4		7	1														
			6	3		6	9														
			7	2		8	0														
			7	4		8	3														
3	STH		8	7		9	7														
			8	3		9	3														
			8	0		8	9														
			6	6		7	4														

Date Sept 22-08 Stream Soguel CK Site 4

Sta. # 26 Habitat Categories: run (partial) Length: 40'
Width: 15 Depth (M&R): $\bar{x}=0.3 \rightarrow 0.8$ Tail Crest Depth: _____

Substrate: 1(Org.) _____ 1.1(silt) _____ 1.2(<2mm) _____ 2(2-5mm) _____ (5-25mm) _____
3(25-50mm) _____ 4(50-75mm) _____ 5(75-150mm) _____ 6(150-225mm) _____ 7(225-300) _____
8(300-600mm) _____ 9(>600mm) _____ 9.1(Bedrock) _____ %Embeddedness 6+: 40

Total Escape Cover: _____ as _____
Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
Algae (%cover, thickness, dist.): _____
Aquatic Vegetation (types, %cover, dist.): _____
Food Rating(I): _____

Fish#: _____
SHT YY: 57(57) 10(10) 6(6) 1(1) Shocker Effectiveness: 74(74)
1+/2+: 0 0 0 0 283, 171, 134, 140
COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	
35-39	85-89	135-139	<u>CR Sculpin Present</u>
40-44	90-94	140-144	<u>Stickleback Present</u>
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Same run data must be combined

Combined

Sta. # 26 Habitat Categories: run (partial) Length: 30'
Width: 15 Depth (M&R): $\bar{x}=0.3 \rightarrow 0.8$ Tail Crest Depth: _____

Substrate: 1(Org.) _____ 1.1(silt) _____ 1.2(<2mm) _____ 2(2-5mm) _____ (5-25mm) _____
3(25-50mm) _____ 4(50-75mm) _____ 5(75-150mm) _____ 6(150-225mm) _____ 7(225-300) _____
8(300-600mm) _____ 9(>600mm) _____ 9.1(Bedrock) _____ %Embeddedness 6+: _____

Total Escape Cover: _____ as _____
Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
Algae (%cover, thickness, dist.): _____
Aquatic Vegetation (types, %cover, dist.): _____
Food Rating(I): _____

Fish#: _____
SHT YY: combined above Shocker Effectiveness: 192, 130, 119
1+/2+: _____
COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	
35-39	85-89	135-139	<u>CR Sculpin Present</u>
40-44	90-94	140-144	<u>Stickleback Present</u>
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Date 22 Sept 08 Stream Soquel Site 4

Sta. # 32 Habitat Categories: Riffle Length: 21'
 Width: 14 Depth (M&R): $\bar{x} = 0.2 \rightarrow 0.4'$ Tail Crest Depth: _____

Substrate: 1(Org.) _____ 1.1(silt) _____ 1.2(<2mm) _____ 2(2-5mm) _____ (5-25mm) _____
 3(25-50mm) _____ 4(50-75mm) _____ 5(75-150mm) _____ 6(150-225mm) _____ 7(225-300) _____
 8(300-600mm) _____ 9(>600mm) _____ 9.1(Bedrock) _____ %Embeddedness 6+ : _____

Total Escape Cover: _____ as _____
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: _____
 SHT YY: 13(11) 3(3) 0 165(14.5) Shocker Effectiveness: _____
 1+ / 2+ : 0(2) 0 0 0(2) 227, 156, 175
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	S.L. CR Sculpin } Present Stickleback }
30-34	80-84	130-134	
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Sta. # 33 Habitat Categories: Pool Length: 94'
 Width: 15 Depth (M&R): $\bar{x} = 1.3 \rightarrow 2.0$ Tail Crest Depth: _____

Substrate: 1(Org.) _____ 1.1(silt) _____ 1.2(<2mm) 20 2(2-5mm) _____ (5-25mm) _____
 3(25-50mm) _____ 4(50-75mm) _____ 5(75-150mm) _____ 6(150-225mm) _____ 7(225-300) _____
 8(300-600mm) _____ 9(>600mm) _____ 9.1(Bedrock) _____ %Embeddedness 6+ : 15

Total Escape Cover: 17' as 10 undercut bank, 7' boulders
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: _____
 SHT YY: 8(5) 11(10) 4(4) 23(19) Shocker Effectiveness: _____
 1+ / 2+ : 3(6) 0(1) 0 33(7) 361, 258, 261
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	S.L. C.R. Sculpin } Present Pickly Sculpin } Present Stickleback } Roach II * FISH HAVE LIGHT TREMATODES
30-34	80-84	130-134	
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

N 37.00238
W 121.95443

Electrofishing Data Sheet

Page 1 of 2

Project No. 200-06 Site No. 4
 Stream Name Saguel ck Date 21 Sept 09

Pass No.	Species	Length (mm)			Fork Length (mm)		Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)			Fork Length (mm)		Scales	Stomach	Mort	Sex (m/f)		
		SL	FL	TL	Weight (gm)	Weight (gm)							SL	FL	TL	Weight (gm)	Weight (gm)						
1	STH	5	7		6	3					1	STH	5	6		6	2						
		6	7		7	4							5	7		6	3						
		6	2		7	0							5	4		6	0						
		5	5		6	1							5	7		6	3						
		6	2		6	9							6	1		6	7						
		5	8		6	5							2	STH	5	4		6	0				
		6	2		6	0									6	7		7	3				
		5	7		6	3									5	5		6	0				
		5	7		6	3							3	STH	5	4		6	0				
		6	0		6	6									5	6		6	2				
		6	5		7	2									5	6		6	2				
		5	7		6	3							7	3		7	9						
		6	7		7	5							4	STH	5	2		5	7				
		6	8		7	4									1	STH	5	2		5	7		
		6	3		6	9							6	1				6	7				
		5	4		6	0							6	3				7	0				
		6	2		6	9							5	5				6	1				
		5	9		6	5							6	1				6	6				
		6	1		6	7							7	1				7	9				
		5	2		5	8							5	5				6	2				
5	9		6	5					5	9		6	5										
6	3		6	9					4	9		5	5										
6	4		7	0					6	4		7	0										
5	7		6	3					6	0		6	6										
6	5		7	3					6	5		7	2										
5	7		6	3					5	7		6	5										
5	7		6	3					6	3		7	0										
6	1		6	7					5	1		5	7										
5	3		5	9					5	0		5	6										
5	1		5	7					5	1		5	7										
5	8		6	3					5	5		6	1										
6	2		6	0					5	0		5	6										

#26 run cont Part I

#26 run cont

#26 run Part II

a.c. D.A.

Electrofishing Data Sheet

Project No. 200-06 Site No. 4
 Stream Name Soquel Date 22 Sept 08

Pass No.	Species	Length (mm)			Weight (gm)	F.L. (mm)	Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)			FORK LENGTH		Weight (gm)	F.L. (mm)	Scales	Stomach	Mort	Sex (m/f)
		SL	FL	TL									Weight	Weight									
			55		61						1	STH	88		100								
			53		58								57		63								
2	STH		71		77								49		55								
			52		58								61		60								
			52		57								65		72								
			51		56								75		83								
			56		62								52		58								
			66		73						2	STH	55		61						X		
			58		65								65		72								
3	STH		61		67								75		83								
			53		59								60		66								
1	STH		87		97								62		68								
			80		89								50		56								
			58		64								62		70								
			62		69								68		75								
			50		56								57		63								
			66		74								50		56								
			54		60								60		66								
			70		77						3	STH	58		65								
			57		63								63		70								
			58		64								59		65								
			68		76								50		56								
			56		63																		
			49		55																		
2	STH		61		67																		
			64		72																		
			58		64																		
3	STH		Ø		Ø																		
1	STH	1	59	1	73																	*	
			118	1	31																	*	
			111	1	23																	*	
			89	1	00																	*	

#33 Pool Cont

#26
#30
#31
#32

#32
#33
#34

#33 Pool

a.c. D.A.

Date 23-Sept 08 Stream Soquel Cr Site 10

Sta.# 15 Habitat Categories: Riffle Length: 17'
 Width: 15' Depth (M&R): X=0.3 → 0.4 Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) ← 1.2(<2mm) → 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 30

Total Escape Cover: 0.5' as boulders
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: _____
 SHT YY: 29(29) 4(4) 3(3) 36 Shocker Effectiveness: _____
 1+/2+: 0 0 0 0 208, 126, 139
 COHO : _____

DST = 1006 = 550C

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	(SHT) ZERO → LIGHT TREMATODES
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	CR Sculpin Present
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Sta.# 16 Habitat Categories: run (partial) Length: 59'
 Width: 18 Depth (M&R): X=0.5 → 0.9 Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) ← 1.2(<2mm) → 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 35

Total Escape Cover: 5.5' as boulders
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: _____
 SHT YY: 91(87) 23(23) 11(11) 127.0(125.2) Shocker Effectiveness: _____
 1+/2+: 0(2) 0 0 0(2) 381, 262, 323
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	CR Sculpin 3 Present
50-54	100-104	150-154	Stickleback 3 Present
55-59	105-109	155-159	Foothill Yellow-Legged Frog - YOY - 1st Pass
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Date 23 Sept 08 Stream Soquel Site 10

Sta. # 23 Habitat Categories: Pool Length: 151'
 Width: 19 Depth (M&R): y=1.3 → 3.1' Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) 70 1.2(<2mm) 70 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 45

Total Escape Cover: 28' as 6' LWD, 21' boulders, 1 bedrock ledge
 Total Overhead Cover: _____ as _____

% Canopy Closure: 70 as _____ %Deciduous 90

Algae (%cover, thickness, dist.): _____

Aquatic Vegetation (types, %cover, dist.): _____

Food Rating(I): _____

Fish#: SHT YY: 31(28) 19(18) 18(18) 8(8) Shocker Effectiveness: 76(72)
 1+/2+: (1)(4) 0(1) 0 0 514, 546, 442, 412
 COHO : _____

N 37.03146
W 121.94216

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	CA Giant Salamander
30-34	80-84	130-134	Stickleback Present
35-39	85-89	135-139	C.R. Sculpin "
40-44	90-94	140-144	Prickly Sculpin "
45-49	95-99	145-149	Roach
50-54	100-104	150-154	SL/FL
55-59	105-109	155-159	* 90/100 982 0091 05992646
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Pit-Tagged Steelhead

Sta. # _____ Habitat Categories: _____ Length: _____
 Width: _____ Depth (M&R): _____ Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) ___ 1.2(<2mm) ___ 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: _____

Total Escape Cover: _____ as _____
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____

Algae (%cover, thickness, dist.): _____

Aquatic Vegetation (types, %cover, dist.): _____

Food Rating(I): _____

Fish#: SHT YY: _____ Shocker Effectiveness: _____
 1+/2+: _____
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Electrofishing Data Sheet

Project No. 200-06 Site No. 10
 Stream Name Soguelck Date 23 Sept 08

Pass No.	Species	Length (mm)			FORK LENGTH (mm)		Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)			FORK LENGTH (mm)		Scales	Stomach	Mort	Sex (m/f)	
		SL	FL	TL	Weight (gm)	Weight (mm)							SL	FL	TL	Weight (gm)	Weight (mm)					
1	STH	6	0		6	5					3	STH	4	1		4	6					
		6	8		7	6							6	6		7	3					
		7	4		8	1							4	9		5	5					
		6	0		6	6							4	5		5	0					
		5	5		6	1							1	STH	5	0		5	6			
		4	8		5	3							#16	RUN	6	2		6	9			
		4	7		5	3							6	5		7	2					
		4	5		5	1							5	0		5	6					
		6	4		7	1							5	7		5	3					
		6	8		7	5							6	2		6	9					
		6	7		7	4							5	0		5	6					
		6	4		7	0							6	8		7	5					
		5	6		6	2							5	6		6	1					
		4	8		5	3							6	4		7	0					
		4	3		4	7							6	0		6	6					
		6	0		4	6							7	3		8	0					
		4	4		4	8							6	3		6	9					
		3	8		4	2							6	2		6	8					
		4	5		5	0							6	5		7	2					
		4	9		5	5							5	2		5	7					
5	7		6	3					6	4		7	1									
3	7		4	2					7	8		8	6									
4	9		5	4					6	7		7	5									
4	7		5	3					6	3		6	9									
5	3		5	9					7	7		8	5									
4	9		5	4					7	1		7	8									
5	2		5	7					5	6		6	2									
4	7		5	2					5	8		6	5									
4	6		5	1					5	1		5	7									
2	STH	5	5		6	1				5	1		5	7								
		5	6		6	2				5	0		5	6								
		4	4		4	9				5	0		5	6								

a.c. D.A.

Electrofishing Data Sheet

Project No. 200-06 Site No. 10
 Stream Name Soquel Date 23 Sept 08

23
801
207

Pass No.	Species	Length (mm)			Fork Length (mm)		Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)			Weight (gm)		Scales	Stomach	Mort	Sex (m/f)
		SL	FL	TL	Weight (gm)	F.L. (mm)							SL	FL	TL	F.L. (mm)					
1	STH	4	8		5	3							5	8		6	4				
2	STH	7	8		8	7							6	7		7	3				
		6	5		7	4							5	2		5	8				
		6	7		4	4							4	3		4	7				
		4	7		5	3							5	8		6	5				
		4	9		5	4							6	5		7	2				
		7	0		7	7					4	STH	6	1		6	8				
		7	1		7	8							5	5		6	1				
		5	6		6	2							7	0		7	7				
		5	5		6	1							6	7		7	4				
		5	1		5	6							6	1		6	7				
		4	3		4	7							5	6		6	2				
		5	6		6	2							5	7		6	3				
		4	5		5	1							5	9		6	6				
		6	5		7	2															
		5	7		6	3															
		5	6		6	2															
		5	5		6	1															
		5	7		6	3															
		4	0		4	5															
3	STH	3	9		4	3															
		4	3		4	8															
		5	1		5	6															
		5	0		5	5															
		4	7		5	2															
		4	2		4	6															
		5	2		5	7															
		3	6		4	1															
		4	2		4	6															
		4	1		4	5															
		4	2		4	6															
		7	0		7	8															

Date 23 Sept 08 Stream Soquel Site 12

Sta. # 1 Habitat Categories: run (partial) Length: 74'
 Width: 15 Depth (M&R): x=0.5 → 0.8 Tail Crest Depth: _____

Substrate: 1 (Org.) ___ 1.1 (silt) ⁵⁰ 1.2 (<2mm) ___ 2 (2-5mm) ___ (5-25mm) ___
 3 (25-50mm) ___ 4 (50-75mm) ___ 5 (75-150mm) ___ 6 (150-225mm) ___ 7 (225-300) ___
 8 (300-600mm) ___ 9 (>600mm) ___ 9.1 (Bedrock) ___ %Embeddedness 6+: 25

Total Escape Cover: 5' as 3' root mass 2' aqua. veg.
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating (I): _____

Fish #: 64(64)
 SHT YY: 34(34) 14(14) 12(12) 4(4) Shocker Effectiveness: _____
 1+ / 2+: 0 0 0 0 274 212 212 174
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	
35-39	85-89	135-139	
40-44	90-94	140-144	<u>stickleback 3P</u>
45-49	95-99	145-149	<u>C.R. Sculpin 3 Present</u>
50-54	100-104	150-154	<u>F.H. Yellow-legged Frog → 2 Juv.</u>
55-59	105-109	155-159	<u>1 Adult</u>
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	<u>STA w/ Ø → very light Temnotades</u>
Other:			

Sta. # 2 Habitat Categories: riffle (partial) Length: 39'
 Width: 6 Depth (M&R): x=0.3 → 0.8 Tail Crest Depth: _____

Substrate: 1 (Org.) ___ 1.1 (silt) ³⁰ 1.2 (<2mm) ___ 2 (2-5mm) ___ (5-25mm) ___
 3 (25-50mm) ___ 4 (50-75mm) ___ 5 (75-150mm) ___ 6 (150-225mm) ___ 7 (225-300) ___
 8 (300-600mm) ___ 9 (>600mm) ___ 9.1 (Bedrock) ___ %Embeddedness 6+: 15

Total Escape Cover: 1' as boulder
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating (I): _____

Fish #: _____
 SHT YY: 10(10) 5(5) 0 16.7 Shocker Effectiveness: _____
 1+ / 2+: 0 0 0 0 116 108 74
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	
35-39	85-89	135-139	
40-44	90-94	140-144	<u>F.H. Y-L Frog - x 2 Adults</u>
45-49	95-99	145-149	<u>C.R. Sculpin 3 Present</u>
50-54	100-104	150-154	<u>Stickleback 3</u>
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

@ 16:37 PST, 62°F H₂O Temp

Date 23 Sept 08 Stream Soquel Site 12

Sta. # 13 Habitat Categories: Pool Length: 231'
 Width: 22 Depth (M&R): X=1.3 → 3.0 Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) ← 1.2(<2mm) → 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 50

Total Escape Cover: 9.5' as 8' terr. veg, 1.5' bedrock ledge
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: 131(127)
 SHT YY: 77(76) 28(28) 19(16) 7(7) Shocker Effectiveness: 629, 558, 295, 439
 1+/2+: 0(1) 1(1) 0(3) 0
 COHO : _____

N37.04063
 W121.94128

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	
35-39	85-89	135-139	
40-44	90-94	140-144	<u>Stickleback</u>
45-49	95-99	145-149	<u>Rocky Sculpin</u> } PRESENT
50-54	100-104	150-154	<u>C.R. Sculpin</u>
55-59	105-109	155-159	
60-64	110-114	160-164	<u>E.H.Y.L. Frog - 1 YOY</u>
65-69	115-119	165-169	<u>" 1 ADULT</u>
70-74	120-124	170-174	
Other:			<u>STH → light Trematodes</u>

Sta. # _____ Habitat Categories: _____ Length: _____
 Width: _____ Depth (M&R): _____ Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) ___ 1.2(<2mm) ___ 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: _____

Total Escape Cover: _____ as _____
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: _____
 SHT YY: _____ Shocker Effectiveness: _____
 1+/2+: _____
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Electrofishing Data Sheet

Project No. 200-06 Site No. 12
 Stream Name Soquel Date 23 Sept 08

Pass No.	Species	Length (mm)		Fork Length (mm)		Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)		Fork Length (mm)		Scales	Stomach	Mort	Sex (m/f)
		SL	FL	TL	Weight (gm)							SL	FL	TL	Weight (gm)				
1	STH	5	2	5	00					1	STH	4	0	4	5				
		5	2	5	8					2	STH	7	0	7	7				
		5	9	6	5							6	5	9	3				
		4	6	5	1							6	1	6	7				
		3	9	4	4							6	7	7	4				
		5	2	5	8							4	7	5	3				
		5	1	5	7							4	3	4	7				
		4	7	5	3							5	0	5	6				
		4	0	4	5							5	2	5	8				
		7	1	7	7							5	7	6	3				
		7	0	7	7							5	3	5	9				
		6	1	6	8							4	4	4	8				
		6	0	6	7							4	5	5	0				
		5	2	5	8							5	9	6	5				
		5	4	6	0							4	4	4	9				
		6	0	6	6					3	STH	6	3	7	0				
		4	3	4	8							5	0	6	5				
		6	7	7	4							4	9	5	5				
		4	4	4	8							5	6	6	2				
		5	7	6	3							5	9	6	7				
		4	7	5	3							5	7	6	3				
		5	1	5	7							7	1	7	9				
		3	6	4	0							6	2	6	8				
		5	7	6	3							4	0	4	5				
		5	7	6	3							5	2	5	8				
		6	0	6	7							5	6	6	2				
		5	8	6	3							5	5	6	1				
		5	7	6	3					4	STH	4	3	4	8				
		4	7	5	3							4	6	5	2				
		5	1	5	7							4	7	5	2				
		4	2	4	6							4	2	4	6				
		4	0	4	5					1	STH	5	7	6	3				

#1
un

#1
run
cont

Electrofishing Data Sheet

Page 2 of 4

Project No. 200-06 Site No. 12
 Stream Name Soquel Date 23 Sept 08

Pass No.	Species	Length (mm)		Fork Length (mm)	Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)		Weight (gm)	Scales	Stomach	Mort	Sex (m/f)			
		SL	FL TL								SL	FL TL								
1	STH		71	78					1	STH	43	48								
			67	74									57	63						
			55	62										61	67					
			54	60										84	94					
			55	61										69	77					
			70	77										50	56					
			43	47										57	63					
			53	59										61	67					
			54	60										60	67					
														69	77					
2	STH		40	45							62	69								
			40	45							69	77								
			46	51							62	69								
			55	62							69	78								
			46	52							67	75								
3	STH		0	0							50	56								
											47	53								
13 Pool	1 STH		55	61							55	62								
			60	67							70	78								
			60	66							63	70								
			62	69							61	67								
			48	53							58	65								
			61	68							55	62								
			69	76							58	66								
			71	79							65	73								
			67	74							54	61								
			68	76							62	68								
			62	68							41	46								
			67	74							61	67								
			71	78							67	74								
			58	64							64	71								
			52	57							67	74								
	51	56							66	73										
	52	57							43	47										

#2
Pool
cont

#13
Pool
cont

#13
Pool

Electrofishing Data Sheet

Project No. 200-06 Site No. 12
 Stream Name Soquel Date 23 Sept 08

#13 Pool Cont

#13 Pool cont

Pass No.	Species	Length (mm)		Weight (gm)		Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)		Weight (gm)		Scales	Stomach	Mort	Sex (m/f)
		SL	FL TL	FL	TL							FL	TL						
1	STH	5	5	6	1					2	STH	5	4	6	0				
		5	6	6	3						Cont.	6	2	6	0				
		5	8	6	5							4	9	5	5				
		6	1	6	7							5	2	5	8				
		6	2	6	9							5	4	6	0				
		4	8	5	4							5	6	6	2				
		4	7	5	3							5	3	5	9				
		5	1	5	6							5	5	6	1				
		5	1	5	6							6	1	6	8				
		6	4	7	1							6	6	7	3				
		4	8	5	3							9	2	1	0	3			
		4	8	5	4							5	2	5	8				
		5	0	5	6							6	7	7	4				
		4	3	4	7							5	7	6	3				
		4	3	4	7							4	7	5	3				
		4	6	5	1							5	9	6	5				X
		4	3	4	7							5	9	6	6				
		4	8	5	3							6	4	7	1				
		4	9	5	4							6	1	6	8				
		5	7	6	3							5	4	6	0				
		4	0	4	6							5	1	5	7				
		5	2	5	7							6	7	7	4				
		4	3	4	7							5	6	6	2				
		5	7	6	3							5	5	6	1				
		5	3	5	9							5	5	6	2				
		4	1	4	6							4	8	5	3				
		5	0	5	6					3	STH	5	2	5	8				
		5	4	6	0							5	7	6	3				
2	STH	6	2	6	8							6	0	6	6				
		5	4	6	0							5	9	6	5				
		6	1	6	7							6	6	7	4				
		6	2	6	9							7	9	8	2				

Electrofishing Data Sheet

Page 4 of 4

Project No. 200-06 Site No. 12
 Stream Name Soquel Date 23 Sept 08

Pass No.	Species	Length (mm)			Weight (gm)	Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)			Weight (gm)	Scales	Stomach	Mort	Sex (m/f)	
		SL	FL	TL								SL	FL	TL						
3	STH <i>cons</i>	4	9		55															
		7	7		86															
		4	7		53															
		5	3		59															
		5	6		64															
		7	1		78															
		4	5		51															
		5	6		63															
		8	2		92															
		7	5		83															
4	STH	5	8		65															
		6	1		67															
		4	9		54															
		6	1		67															
		5	4		60															
		4	3		48															
		5	4		60															
6	0		67																	
5	7		63																	

a.c. D.A.

Date 25 Sept 08 Stream E. Branch Soquel Site 13a

Sta. # 8 Habitat Categories: Riffle Length: 15'
 Width: 8 Depth (M&R): X=0.15 → 0.3 Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) ← 1.2(<2mm) → 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 40

Total Escape Cover: 0 as _____
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#:		<u>1st Pass</u>	<u>2nd Pass</u>	<u>3rd Pass</u>	
SHT	YY:	<u>5(5)</u>	<u>0</u>	<u>0</u>	<u>5(5)</u>
	1+/2+:	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
COHO	:	_____	_____	_____	_____

Shocker Effectiveness: 83, 79, 68

SHT(I) & Coho(*) Sizes (mm) Type of Length Measurement: S.L.
 25-29 75-79 125-129 Other Species: _____
 30-34 80-84 130-134 _____
 35-39 85-89 135-139 _____
 40-44 90-94 140-144 _____
 45-49 95-99 145-149 _____
 50-54 ∅ 100-104 ∅ 150-154 ∅ _____
 55-59 ∅ 105-109 ∅ 155-159 ∅ _____
 60-64 110-114 160-164 _____
 65-69 115-119 165-169 _____
 70-74 120-124 170-174 _____
 Other: _____

MED. TREMATODES

Sta. # 11 Habitat Categories: Run (Partial) Length: 51'
 Width: 10 Depth (M&R): X=0.4 → 0.9 Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) ← 1.2(<2mm) → 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 45

Total Escape Cover: 5' as boulders
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#:		<u>1st Pass</u>	<u>2nd Pass</u>	<u>3rd Pass</u>	
SHT	YY:	<u>19(19)</u>	<u>4(4)</u>	<u>3(3)</u>	<u>26.3</u>
	1+/2+:	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
COHO	:	_____	_____	_____	_____

Shocker Effectiveness: 275, 197, 172

SHT(I) & Coho(*) Sizes (mm) Type of Length Measurement: S.L.
 25-29 75-79 125-129 Other Species: _____
 30-34 80-84 130-134 _____
 35-39 85-89 135-139 _____
 40-44 90-94 140-144 _____
 45-49 95-99 145-149 _____
 50-54 ∅ 100-104 ∅ 150-154 _____
 55-59 ∅ 105-109 ∅ 155-159 _____
 60-64 110-114 160-164 _____
 65-69 115-119 165-169 _____
 70-74 120-124 170-174 _____
 Other: _____

C.R. Sculpin
Stickleback present

Date 25 Sept 08 Stream East Branch Soguel Site 13a (below Mill Pond)

Sta. # 13 Habitat Categories: Pool Length: 109'
 Width: 17' Depth (M&R): X=1.0 → 2.5' Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) 1.2(<2mm) 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 60

Total Escape Cover: 34' as 18' undercut bank, 11' rootmass, 5' terr. veg.
 Total Overhead Cover: _____ as _____

% Canopy Closure: 68 as _____ %Deciduous 70

Algae (%cover, thickness, dist.): _____

Aquatic Vegetation (types, %cover, dist.): _____

Food Rating(I): _____

Fish#: SHT YY: 27(27) 29(27) 9(9) 65(63) Shocker Effectiveness: _____
 COHO : 1(1) 1(3) 3(3) 5(7) 320, 373, 311

total count
 rest. (needed to do 4th pass)

N 37,04735 W 121,92876

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:
25-29	75-79	125-129
30-34	80-84	130-134
35-39	85-89	135-139
40-44	90-94	140-144
45-49	95-99	145-149
50-54	100-104	150-154
55-59	105-109	155-159
60-64	110-114	160-164
65-69	115-119	165-169
70-74	120-124	170-174
Other:		

Other Species: 2 Adult F.H.Y.L. Frog ~ 15 YOY
Stickleback Present
Prickly Sculpin Present
COHO - Present (6)
 STA → Light → Heavy Trematodes

Sta. # _____ Habitat Categories: _____ Length: _____
 Width: _____ Depth (M&R): _____ Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) ___ 1.2(<2mm) ___ 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: _____

Total Escape Cover: _____ as _____
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____

Algae (%cover, thickness, dist.): _____

Aquatic Vegetation (types, %cover, dist.): _____

Food Rating(I): _____

Fish#: SHT YY: _____ Shocker Effectiveness: _____
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:
25-29	75-79	125-129
30-34	80-84	130-134
35-39	85-89	135-139
40-44	90-94	140-144
45-49	95-99	145-149
50-54	100-104	150-154
55-59	105-109	155-159
60-64	110-114	160-164
65-69	115-119	165-169
70-74	120-124	170-174
Other:		

Other Species: _____

Electrofishing Data Sheet

Project No. 200-06 Site No. 13a
 Stream Name East Branch Soguel Date 25 Sept 08

Pass No.	Species	Length (mm)			Weight (gm)	Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)			Weight (gm)	Scales	Stomach	Mort	Sex (m/f)					
		SL	FL	TL								SL	FL	TL										
#8 Rifle	1 STH	5	8		6	4				3	STH	3	7		4	1								
		5	1		5	7						1	STH	6	7		7	4						
		5	3		5	9								1	0	3	1	1	5					
		5	8		6	4											7	0		7	7			
		4	6		5	1											5	7		6	3			
2	STH											5	1		5	7								
3	STH											6	0		6	6								
#11 rvm	1 STH	4	8		5	3							5	1		5	6							
		3	8		4	2			X				6	9		7	6							
		6	8		7	6							5	7		6	3							
		6	8		7	5							6	6		7	3							
		5	7		6	3							5	7		6	3							
		6	5		7	2							6	7		7	3							
		5	7		6	3							7	1		7	8							
		5	4		6	0							6	3		7	0							
		6	0		6	7							5	2		5	8							
		5	1		5	7							6	3		6	8							
		5	4		6	0							7	0		7	7							
		6	3		6	9							5	5		6	2							
		6	5		7	2							6	2		6	8							
		5	9		6	5							6	1		6	7							
		6	0		6	7							5	3		5	9							
		5	2		5	8							4	9		5	5							
		5	2		5	8							5	1		5	7							
		6	1		6	7							5	5		6	2							
		5	9		6	5							5	7		6	4							
		2	STH	5	7		6	3							5	3		5	9					
		4	2		4	7							4	8		5	4							
		4	7		5	3							5	8		6	3							
		3	9		4	3							6	2		6	8							
3	STH	4	7		5	1				2	STH	6	2		6	8								
		3	7		4	1							7	4		8	2							
													7	5		7	8							

#11
#13
pool

a.c. _____ D. A. _____

Electrofishing Data Sheet

Project No. 200-06 Site No. 134
 Stream Name E. Branch Saywell Date 25 Sept 08
Below Mill Pond

Pass No.	Species	Length (mm)			Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)			Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)		
		SL	FL	TL								SL	FL	TL							
2	STH		71		70					3	STH		65		72						
			66		73									62		68					
			63		69										71		79				
		1	23	1	34										62		68				
			61		67										51		57				
			75		83										53		59				
			65		72										68		76				
			57		63																
			67		75																
			63		70																
			67		75																
			57		63																
			63		70																
			59		65																
			60		66																
			57		63																
			46		52																
			59		65																
			51		57																
			62		68																
	57		63																		
	65		72																		
	53		59																		
	45		51																		
	52		58																		
	52		58																		
	63		70																		
3	STH		94	1	04																
		1	23	1	36																
			74		82																
			67		75																
		100	1	11																	

#13 Pool cont

#13 Pool cont

Date 24 Sept 08 Stream Sageel East Branch Site 16 (SDSF)

Sta. # 36 Habitat Categories: Boulder Pool Length: 21'
 Width: 6' Depth (M&R): $\bar{x} = 0.6 \rightarrow 1.0$ Tail Crest Depth: _____

Substrate: 1(Org.) _____ 1.1(silt) _____ 1.2(<2mm) ⁴⁰ 2(2-5mm) _____ (5-25mm) _____
 3(25-50mm) _____ 4(50-75mm) _____ 5(75-150mm) _____ 6(150-225mm) _____ 7(225-300) _____
 8(300-600mm) _____ 9(>600mm) _____ 9.1(Bedrock) _____ %Embeddedness 6+: 55

Total Escape Cover: 2' as * add 1' of boulder cover + 1' boulder
 Total Overhead Cover: _____ as _____

% Canopy Closure: 52 as Redwood, Alder, Dogwood, Willow ^{Sycamore} %Deciduous 60
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: _____
 SHT YY: _____
 1+/2+: _____
 COHO _____
 1st Pass 2nd Pass 3rd Pass 22(23)
19(20) 2(2) 1(1) 6(6)
5(5) 1(1) 0 0 Shocker Effectiveness: 112, 141, 67, 64

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	
35-39	85-89	135-139	Lamprey
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	

Sta. # 37 Habitat Categories: Boulder Pool Length: 51'
 Width: 11' Depth (M&R): $\bar{x} = 0.65 \rightarrow 0.9$ Tail Crest Depth: _____

Substrate: 1(Org.) _____ 1.1(silt) _____ 1.2(<2mm) ²⁵ 2(2-5mm) _____ (5-25mm) _____
 3(25-50mm) _____ 4(50-75mm) _____ 5(75-150mm) _____ 6(150-225mm) _____ 7(225-300) _____
 8(300-600mm) _____ 9(>600mm) _____ 9.1(Bedrock) _____ %Embeddedness 6+: 55

Total Escape Cover: 3' as boulders
 Total Overhead Cover: _____ as _____

% Canopy Closure: 68 as _____ %Deciduous 40
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: _____
 SHT YY: _____
 1+/2+: _____
 COHO _____
 1st Pass 2nd Pass 3rd Pass
54(55) 11(11) 1(1) 66.9(67.9) Shocker Effectiveness: 246, 225, 195
8(7) 1(1) 0 9.1(8.1)

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	
35-39	85-89	135-139	Lamprey
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	CA Newt - 2
60-64	110-114	160-164	F.H. Y.L. Frog - 1 Adult
65-69	115-119	165-169	CA Giant Salamander - 1
70-74	120-124	170-174	

55.5°F @ 10:37 PDT

N 37.07957
W 121.91989

Date 24 Sept 08 Stream Soquel, East Branch Site 16 (SDSF)

Sta. # 47 Habitat Categories: pool Length: 42'
 Width: 8' Depth (M&R): $\bar{x} = 0.75 \rightarrow 1.0$ Tail Crest Depth: _____
 Substrate: 1(Org.) ___ 1.1(silt) $\leftarrow 1.2(<2mm) \rightarrow$ 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 45
 Total Escape Cover: 7' as boulders
 Total Overhead Cover: _____ as _____
 % Canopy Closure: 90 as _____ %Deciduous 35
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: _____
 SHT YY: 12(13) 7(7) 3(3) 26.1(265) Shocker Effectiveness: _____
 1+/2+: 5(4) 1(1) 0 6.1(5.1) 215, 180, 186
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	Other Species: <u>AG: x 982 0091 S.L. / FL *TAGGED STA</u>
35-39	85-89	135-139	<u>05663976 86/95</u>
40-44	90-94	140-144	<u>05990137 94/103</u>
45-49	95-99	145-149	<u>05991746 83/92</u>
50-54	100-104	150-154	<u>06099127 62/68</u>
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	<u>Lamprey IIII</u>
70-74	120-124	170-174	
Other:			

N 37,08094 W 121,91779

Sta. # 48 Habitat Categories: step-run Length: 70'
 Width: 2 Depth (M&R): $\bar{x} = 0.2 \rightarrow 0.7$ Tail Crest Depth: _____
 Substrate: 1(Org.) ___ 1.1(silt) ___ 1.2(<2mm) ___ 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 40
 Total Escape Cover: _____ as _____
 Total Overhead Cover: _____ as _____
 % Canopy Closure: 80 as willow, alder, sycamore, fanoak, redwood, hazelwt %Deciduous 50
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: _____
 SHT YY: 15(15) 1(1) 0 16.0 Shocker Effectiveness: _____
 1+/2+: 0 1(1) 0 1 208, 179, 161
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Date 24 Sept 08 Stream E. Branch Soquel site 16 (SDSF)

Sta. # 49 Habitat Categories: riffle Length: 18'
Width: 1.5' Depth (M&R): 0.02 → 0.1 Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) 1.2(<2mm) 2(2-5mm) ___ (5-25mm) ___
3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 45

Total Escape Cover: 0 as _____
Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____

Algae (%cover, thickness, dist.): _____

Aquatic Vegetation (types, %cover, dist.): _____

Food Rating(I): _____

Fish#: _____
SHT YY: 0 0 0 0 Shocker Effectiveness: _____
1+/2+: 0 0 0 0 36, 27, 34
COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	None
30-34	80-84	130-134	
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Sta. # _____ Habitat Categories: _____ Length: _____
Width: _____ Depth (M&R): _____ Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) ___ 1.2(<2mm) ___ 2(2-5mm) ___ (5-25mm) ___
3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: _____

Total Escape Cover: _____ as _____
Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____

Algae (%cover, thickness, dist.): _____

Aquatic Vegetation (types, %cover, dist.): _____

Food Rating(I): _____

Fish#: _____
SHT YY: _____ Shocker Effectiveness: _____
1+/2+: _____
COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Electrofishing Data Sheet

Project No. 200-06 Site No. 16 (SDSF)
 Stream Name Soquel, East Branch Date 24 Sept 08

Pass No.	Species	Length (mm)			Fork Length (mm)			Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)			Fork Length (mm)			Scales	Stomach	Mort	Sex (m/f)				
		SL	FL	TL	SL	FL	TL							SL	FL	TL	SL	FL	TL					SL	FL	TL	
#36 Pool	192	STH	1	2	6	1	4	2					1	STH	9	0	1	0	0								
			1	1	5	1	2	7							7	5	1	8	3								
			1	1	0	1	2	2																			
						8	8		9	8																	
						7	3		8	2																	
						8	0		8	9																	
						5	7		6	3																	
						5	7		6	3																	
						5	1		5	6																	
						5	6		6	1																	
						5	2		5	8																	X
						4	0		4	5																	
						3	8		4	2																	
						4	2		4	9																	
						4	6		5	1																	
						5	2		5	8																	
						4	6		5	1																	
						3	3		3	6																	
						3	7		4	1																	
						5	6		6	2																	
			4	3		4	7																				
			4	2		4	7																				
			4	9		5	5																				
			4	2		4	7																				
			4	2		4	7																				
3	STH	1	0	8	1	2	0																				
			5	7		6	4																				
			5	3		5	9																				
4	STH		3	6		4	0																				
1	STH	1	0	8	1	2	1																				
			1	2		1	4	0																			
			9	8		1	1	0																			

a.c. D.A.

Electrofishing Data Sheet

Project No. 200-06 Site No. 16 (SDSF)
 Stream Name Soquel, E. Branch Date 24 Sept 08

#37
Pool
Cont

Pass No.	Species	Length (mm)			FORK L. Weight (gm)	Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)			Weight (gm)	Scales	Stomach	Mort	Sex (m/f)
		SL	FL	TL								SL	FL	TL					
1	STH	33			36							37		42					
		36			40							38		42					
		52			58							44		50					
		50			56							42		47					
		39			44							52		58					
		36			40							53		59					
		42			46							36		41					
		48			53					3	STH	56		63					
		56			62					1	STH	86		95					
		47			53							94	1	103					#47
		52			57							83		92					Pool
		37			43							62		68					
		39			44							97	1	106					
		37			42							72		80					
		46			51							51		57					
		43			48							52		58					
		41			46							46		51					
		42			47							47		52					
		38			43							40		45					
		26			29							43		47					
		39			43							38		42					
		44			49							37		41					
		32			36							46		52					
		34			38							40		45					
		38			42							32		36					
		43			48					2	STH	167	1	182					
		36			40							47		63					
2	STH	56			62							42		46					
		37			43							60		66					
		36			41							46		51					
		50			56							31		35					
		82			92							37		42					

a.c. D.A.

Electrofishing Data Sheet

Project No. 200-06 Site No. 16 (SDSF)

Stream Name Soquel - East Branch Date 24 Sep 08

Pass No.	Species	Length (mm)			Fork Length (mm)	Weight (gm)	Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)			Weight (gm)	Scales	Stomach	Mort	Sex (m/f)
		SL	FL	TL									SL	FL	TL					
#17 2	STH		3	2	3	6														
3	STH		5	5	6	2														
			4	6	5	1														
			3	6	4	1														
#18 1	STH		4	9	5	5														
			5	3	5	9														
			5	8	5	3														
			4	7	5	3														
			4	8	5	4														
			4	3	4	7														
			5	2	5	8														
			4	0	4	5														
			3	7	4	2														
			5	0	5	6														
			4	6	5	2														
			5	1	5	7														
			2	7	3	1														
			3	6	3	9														
2	STH		7	8	8	6														
			4	6	5	1														
3	STH		Ø																	
#19 1	STH		Ø																	
2	STH		Ø																	
3	STH		Ø																	

Date 25 Sept 08 Stream West Branch Soquel Site 19

Sta. # 8 Habitat Categories: Run Length: 18'
 Width: 9' Depth (M&R): X=0.4 → 0.9' Tail Crest Depth: _____

Substrate: 1(Org.) _____ 1.1(silt) _____ 1.2(<2mm) ³⁰ _____ 2(2-5mm) _____ (5-25mm) _____
 3(25-50mm) _____ 4(50-75mm) _____ 5(75-150mm) _____ 6(150-225mm) _____ 7(225-300) _____
 8(300-600mm) _____ 9(>600mm) _____ 9.1(Bedrock) _____ %Embeddedness 6+: 30

Total Escape Cover: 0 as _____
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#:	1st Pass	2nd Pass	3rd Pass	Shocker Effectiveness:
SHT YY:	<u>8(8)</u>	<u>4(4)</u>	<u>0</u>	<u>13.3</u>
1+1/2+:	<u>0</u>	<u>0</u>	<u>0</u>	<u>150, 109, 114</u>
COHO :	_____	_____	_____	_____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	Ø	sculpin
30-34	80-84	Ø	Coast range present
35-39	85-89	Ø	lamprey present
40-44	90-94	Ø	steelhead present
45-49	95-99	Ø	_____
50-54	100-104	Ø	_____
55-59	105-109	Ø	_____
60-64	110-114	Ø	_____
65-69	115-119	Ø	_____
70-74	120-124	Ø	_____
Other:	_____	_____	_____

Sta. # 9 Habitat Categories: Riffle Length: 32'
 Width: 23 Depth (M&R): X=0.2 → 0.4' Tail Crest Depth: _____

Substrate: 1(Org.) _____ 1.1(silt) _____ 1.2(<2mm) ²⁰ _____ 2(2-5mm) _____ (5-25mm) _____
 3(25-50mm) _____ 4(50-75mm) _____ 5(75-150mm) _____ 6(150-225mm) _____ 7(225-300) _____
 8(300-600mm) _____ 9(>600mm) _____ 9.1(Bedrock) _____ %Embeddedness 6+: 25

Total Escape Cover: 0 as _____
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#:	1st Pass	2nd Pass	3rd Pass	Shocker Effectiveness:
SHT YY:	<u>20(19)</u>	<u>4(4)</u>	<u>2(2)</u>	<u>26.1(25.1)</u>
1+1/2+:	<u>0(1)</u>	<u>0</u>	<u>0</u>	<u>231, 175, 177</u>
COHO :	_____	_____	_____	_____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	Ø	_____
30-34	80-84	Ø	_____
35-39	85-89	Ø	Zero → light trematodes
40-44	90-94	Ø	_____
45-49	95-99	Ø	_____
50-54	100-104	Ø	_____
55-59	105-109	Ø	_____
60-64	110-114	Ø	_____
65-69	115-119	Ø	_____
70-74	120-124	Ø	_____
Other:	_____	_____	_____

Date 25 Sept 08 Stream W. Branch Soguel site 19

Sta. # 10 Habitat Categories: Pond Length: 236'
 Width: 14' Depth (M&R): X=1.0 → 1.9' Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) 1.2(<2mm) ⁸⁰ 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 25

Total Escape Cover: 13' as 5' boulders, 8' SWD
 Total Overhead Cover: _____ as _____

% Canopy Closure: 86 as _____ %Deciduous 80
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

N37.04456
W121.93875

Fish#: _____
 SHT YY: 88 (31) 46 (41) 11 (11) 161.9 (147) Shocker Effectiveness: _____
 1+ / 2+: 1 (8) 0 (5) 0 1 (15.3) 716, 738, 579
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)		Type of Length Measurement: <u>S.L.</u>	Other Species:
	I	II		
25-29	75-79	125-129	125-129	Other Species: Prickly Sculpin } Present CR Sculpin } Stickleback }
30-34	80-84	130-134		
35-39	85-89	135-139	140-144	
40-44	90-94	140-144		
45-49	95-99	145-149	150-154	
50-54	100-104	150-154		
55-59	105-109	155-159	160-164	
60-64	110-114	160-164		
65-69	115-119	165-169	170-174	
70-74	120-124	170-174		
Other:				

Sta. # _____ Habitat Categories: _____ Length: _____
 Width: _____ Depth (M&R): _____ Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) ___ 1.2(<2mm) ___ 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: _____

Total Escape Cover: _____ as _____
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: _____
 SHT YY: _____ Shocker Effectiveness: _____
 1+ / 2+: _____
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement: _____	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Electrofishing Data Sheet

Project No. 200-06 Site No. 19
 Stream Name West Branch Soquel Date Sept 25-08

run out

#9 riffle

Pass No.	Species	Length (mm)		FL Weight (gm)	Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)		FL Weight (gm)	Scales	Stomach	Mort	Sex (m/f)	
		SL	TL								SL	TL						
1	STH	4	8	53							5	4	60					
		4	7	52					2	STH	5	1	56					X
		6	1	67							6	8	75					
		5	3	59							4	2	47					
		5	2	58							4	9	55					
		5	6	62					3	STH	6	6	74					
		7	5	61							3	8	43					
		4	3	47					1	STH	1	2	36					
2	STH	6	4	71					Pool	L #10	6	2	69					#10 Pool
		4	6	52							5	4	60					
		5	0	56							6	7	73					
		4	4	49							6	8	76					
3	STH	0									6	7	75					
1	STH	7	6	84				X			4	2	47					
		4	3	47							3	9	44					
		4	4	48							5	9	65					
		5	0	56							4	8	54					
		5	9	65							6	5	73					
		5	6	62							4	3	47					
		4	4	49							4	7	53					
		4	9	55							5	5	62					
		4	1	46							6	3	69					
		5	6	62							7	6	84					
		5	6	62							5	2	58					
		4	8	54							6	5	72					
		4	8	53				X			5	7	63					
		4	9	55							6	0	66					
		4	7	53							6	3	69					
		4	8	53							6	4	71					
		7	2	78							5	8	64					
		3	9	43							5	4	60					
		5	7	63							6	1	67					

a.c. D.A.

Electrofishing Data Sheet

Project No. 200-06 Site No. 19
 Stream Name W. Branch Sequel Date 25 Sept 08

#10 Pool cont

#10 Pool cont

Pass No.	Species	Length (mm)		Fork Length (mm)	Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)		Fork Length (mm)	Scales	Stomach	Mort	Sex (m/f)
		SL	FL TL								SL	FL TL					
	1	STH	56	62					1	STH	66	73					
			53	59							52	58					
			71	78							75	83					
			73	80							65	72					
			71	77							66	73					
			55	61							42	46					
			47	53							77	85					
			47	53							42	46					
			64	72							55	61					
			52	58							49	55					
			53	59							63	69					
			50	56							59	66					
			52	58							63	71					
			65	72							47	52					
			85	95							47	52					
			55	61							52	57					
			72	80							64	71					
			66	73							78	86					
			61	67							67	74					
			52	58							63	69					
			46	51							56	62					
			63	71							74	81					
			62	68							53	59					
			51	57							81	90					
			52	58							53	61					
			48	53							64	71					
			66	73							49	55					
			57	62							56	62					
			69	77							57	63					
			62	68							51	56					
			62	69							49	55					
			80	87							53	59					

a.c. D.A.

Electrofishing Data Sheet

Project No. 200-06 Site No. 19
 Stream Name W. Branch Soquel Date 25 Sept 08

#10
Pool
Cont

Pass No.	Species	Length (mm)			Weight (gm)		Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)			Weight (gm)		Scales	Stomach	Mort	Sex (m/f)				
		SL	FL	TL	F.L. (mm)	F.L. (mm)							SL	FL	TL	F.L. (mm)	F.L. (mm)								
2	STH		75		83						2	STH		66		73									
			72		80											58		65							
			49		55												46		51						
			62		68												42		47						
			48		53												49		55						
			86		96												50		56						
			79		87												50		56						
			77		86												40		45						
			62		68												38		43						
			57		63												39		43						
			65		72												60		66						
			67		73												41		46						
			57		63												46		51						
			62		68												51		57						
			66		73										3	STH		72		80					
			50		56												56		62						
			53		59												51		57						
			62		68												65		72						
			76		84												62		68						
			62		68												56		62						
	51		57										51		57										
	61		67										73		81										
	42		47										48		54										
	51		57										46		52										
	41		46										38		43										
	52		58																						
	38		42																						
	62		68																						
	39		44																						
	42		47																						
	57		63																						
	67		73																						

Date Sept 29, 2008 Stream Aptos Site 3

Sta. # 31 Habitat Categories: Pool Length: 81'
 Width: 15' Depth (M&R): $\bar{x} = 1.1 \rightarrow 1.8$ Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) ___ 1.2(<2mm) ⁷⁰ 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 50

Total Escape Cover: 9' as 8' undercut bank, 1' SWD
 Total Overhead Cover: _____ as _____

% Canopy Closure: 64 as _____ %Deciduous 90
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: SHT YY: 20(19) 9(9) 2(2) 335(32.7) Shocker Effectiveness: _____
 1+/2+: 1(2) 2(2) 0 3 272, 276, 256
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	
35-39	85-89	135-139	<u>Prickly sculpin</u> <u>Present</u>
40-44	90-94	140-144	<u>Stickleback</u> <u>Present</u>
45-49	95-99	145-149	<u>CR sculpin</u> <u>Present</u>
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Sta. # 32 Habitat Categories: Riffle Length: 26'
 Width: 12' Depth (M&R): $\bar{x} = 0.15 \rightarrow 0.3$ Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) ___ 1.2(<2mm) ___ 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: _____

Total Escape Cover: _____ as _____
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: SHT YY: 4(4) 1(1) 0 5/1 Shocker Effectiveness: _____
 1+/2+: 0 0 0 0 139, 101, 85
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Date Sept 29, 2008 Stream Aptos Site 3

N 36, 97834 W 12, 90485

Sta. # 33 Habitat Categories: pool Length: 71'
 Width: 14' Depth (M&R): x=0.7 → 1.4' Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) 45 1.2(<2mm) 45 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 55

Total Escape Cover: 11' as undercut bank
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: _____
 SHT YY: 22(17) 8(7) 4(3) 36.0(29.1) Shocker Effectiveness: _____
 1+/2+: 2(7) 0(1) 0(1) 2(9.0) 259, 214, 221
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	prickly
35-39	85-89	135-139	CR sculpin
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Sta. # 41 Habitat Categories: run Length: 40'
 Width: 18' Depth (M&R): x=0.3 → 0.7 Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) 25 1.2(<2mm) 25 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 35

Total Escape Cover: 0 as _____
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: _____
 SHT YY: 12(11) 3(3) 3(3) 2(2) 20(19) Shocker Effectiveness: _____
 1+/2+: 0(1) 0 0 0 0 282, 190, 175, 177
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	CR sculpin
35-39	85-89	135-139	prickly
40-44	90-94	140-144	stickleback
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Electrofishing Data Sheet

Project No. 200-06 Site No. 3
 Stream Name Aptos Date Sept 29, 2008

#33 pool

#41 run

Pass No.	Species	Length (mm)			Weight (gm)		Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)			Weight (gm)		Scales	Stomach	Mort	Sex (m/f)
		SL	FL	TL	F.L.	F.L.							SL	FL	TL	F.L.					
2	STH	5	8		6	5															
		4	8		5	4															
		6	6		7	3															
		4	4		4	9															
		5	6		6	2															
		5	3		5	8															
		7	6		8	4															
		4	4		5	0															
3	STH	6	2		6	9															
		4	9		5	5															
		5	7		6	4															
1	STH	6	6		7	3															
		4	0		4	5		✓													
		8	5		9	4															
		7	2		8	0															
		6	4		7	1															
		5	3		5	9															
		6	5		7	2															
		4	7		5	3															
		4	1		4	6															
		6	0		6	6															
5	1		5	7																	
4	6		5	1																	
2	STH	4	6		5	1															
		6	3		7	0															
		5	2		5	7															
3	STH	4	9		5	5															
		6	1		6	7															
		4	6		5	1															
4	STH	4	1		4	5															
		4	4		4	9															

Date Sept 29 Stream Aptos Site 7

Sta. # 34 Habitat Categories: Rvn Length: 29'
 Width: 14' Depth (M&R): $\bar{y} = 0.5 \rightarrow 0.7$ Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) ___ 1.2(<2mm) ___ 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness: 6+ : _____

Total Escape Cover: _____ as _____
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: 1st Pass 2nd Pass 3rd Pass
 SHT YY: 15(15) 7(7) 4(4) 29.5 Shocker Effectiveness: _____
 1+2+: 0 0 0 0 169, 144, 124
 COHO : _____

SHT(I) & Coho(*) Sizes (mm) Type of Length Measurement: S.L.

25-29	75-79	125-129	Other Species:
30-34	80-84	130-134	<u>CA Giant Salamander 0</u>
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	

Other: _____

Sta. # 35 Habitat Categories: pool Length: 135'
 Width: 15' Depth (M&R): $\bar{y} = 1.0 \rightarrow 2.2$ Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) ___ 1.2(<2mm) 60 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+ : 60

Total Escape Cover: 13' as boulders
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: 1st Pass 2nd Pass 3rd Pass 135.4
 SHT YY: 7(76) 33(33) 15(15) 136.1(135.4) Shocker Effectiveness: _____
 1+2+: 8(9) 0 2(2) 10(11) 653, 589, 551
 COHO : _____

SHT(I) & Coho(*) Sizes (mm) Type of Length Measurement: S.L.

25-29	75-79	125-129	Other Species:
30-34	80-84	130-134	<u>CA giant Salamander</u>
35-39	85-89	135-139	<u>Least-Rock Sculpin</u>
40-44	90-94	140-144	<u>Perrin Sculpin</u>
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	

Other: _____

2nd pass
1st pass cont.

Date Sept 29, 2003 Stream Aptos Site 4

Sta. # 36 Habitat Categories: Riffle Length: 49'
 Width: 14 Depth (M&R): $\bar{x} = 0.4 \rightarrow 0.8$ Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) ___ 1.2(<2mm) ___ 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: _____

Total Escape Cover: _____ as _____
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: 1st Pass 2nd Pass 3rd Pass
 SHT YY: 25(25) 10(9) 2(2) 37.3(37.7) Shocker Effectiveness: _____
 1+/2+: 1(1) 0(1) 0 1(2) 289, 268, 261
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	<u>S.L.</u>	
30-34	80-84	125-129	
35-39	85-89	130-134	Coast Range Sculpin IIII
40-44 III	90-94	135-139	PA giant Salamander
45-49 IIII	95-99	140-144	
50-54 IIII	100-104	145-149	
55-59 III	105-109	150-154	
60-64 IIII	110-114	155-159	
65-69 I	115-119	160-164	
70-74	120-124	165-169	
Other:		170-174	

Sta. # 37 Habitat Categories: Pool Length: 96'
 Width: 13 Depth (M&R): $\bar{x} = 1.0 \rightarrow 2.1$ Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) ___ 1.2(<2mm) ⁷⁵ ___ 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 55

Total Escape Cover: 13.5' as 9' LWD, 1.5' boulder, 2' bedrock
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: 1st Pass 2nd Pass 3rd Pass
 SHT YY: 39(39) 11(11) 5(5) 56.4 Shocker Effectiveness: _____
 1+/2+: 4(4) 0 0 4 394, 341, 328
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	<u>S.L.</u>	
30-34	80-84	125-129	
35-39	85-89	130-134	CR sculpin I
40-44 III	90-94	135-139	
45-49 IIII	95-99	140-144	
50-54 IIII	100-104	145-149	
55-59 IIII	105-109	150-154	
60-64 IIII	110-114	155-159	
65-69 IIII	115-119	160-164	
70-74	120-124	165-169	
Other:		170-174	

N 37.00579
 W 121.90554

Electrofishing Data Sheet

Project No. 200-06 Site No. 4
 Stream Name Aptos Date Sept. 29, 2008

Pass No.	Species	Length (mm)			Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)	Pass No. cont.	Species	Length (mm)			Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)		
		SL	FL	TL								SL	FL	TL							
1	STH		50		56					1	STH		59		65						
			45		50										50		56				
			40		45										100	1	10				
			56		62										76		84				
			56		62										60		67				
			62		68										65		72				
			46		51										49		54				
			47		53										63		70				
			44		49										55		61				
			43		48										46		51				
			47		53				✓						52		58				
			38		43										50		56				
			45		51										46		51				
			46		51										57		63				
			45		51										55		60				
2	STH		54		60							97	1	08							
			59		65							48		53							
			63		69							45		50							
			59		65							51		57							
			47		53							54		60							
			41		46							53		59							
			51		57							55		61							
3	STH		56		62							56		62							
			60		66							50		56							
			49		55							69		77							
			52		58							52		58							
1	STH		144	1	60							52		58							
			157	1	70							44		49							
			170	1	88							42		46							
			102	1	13							46		51							
			108	1	20							52		57							
			99	1	08							58		65							

34
Rvn

35
pool
cont.

35
pool

a.c. _____ D.A. _____

Electrofishing Data Sheet

Project No. 200-86 Site No. 4
 Stream Name Aptos Date Sept. 29, 2008

#35
Pool

Pass No.	Species	Length (mm)		Weight (gm)	Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)		Weight (gm)	Scales	Stomach	Mort	Sex (m/f)
		SL	F.L.								FL	TL					
1	STH		49	54					1	STH		60	67				
			60	67								58	65				
			48	53								50	55				
			53	58								53	58				
			53	59								43	48				
			43	48								70	78				
			56	62								43	48				
			32	37								62	69				
			42	47								51	57				
			56	61								61	68				
			50	55								53	58				
			57	63								46	52				
			65	72								53	59				
			50	56								51	56				
			54	60								46	51				
			47	53								52	57				
			65	71					2	STH		48	54				
			53	59								53	61				
			59	65								47	53				
			50	55								43	48				
			53	59								54	60				
			51	56								53	59				
			58	65								55	62				
			51	56								51	56				
			54	60								43	47				
			56	62								60	66				
			63	70								40	45				
			62	69								49	54				
			62	68								50	55				
			54	60								69	76				
			51	57								56	62				
			56	62								59	65				

#35
Pool
cont

a.c. D.A.

Electrofishing Data Sheet

Project No. 200-06 Site No. 4
 Stream Name Aplos Date Sept 29, 200

Pass No.	Species	Length (mm)			Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)			Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)					
		SL	FL	TL								SL	FL	TL										
2	STH		53		59					3	STH		63		70									
			53		58										60		66							
			62		69								1	STH		93	1	02						
			52		58												45		50					
			45		50												44		48					
			57		63												61		67					
			51		57												60		66					
			53		59												40		45					
			60		66												44		49					
			56		62												51		57					
			43		47												49		54					
			59		65												52		58					
			46		51												62		68					
			50		55												46		51					
			49		54												54		60					
	44		48								56		62											
	49		54								59		65											
3	STA	1	23	1	37							53		59										
			93	1	03							35		39										
			68		75							61		67										
			62		68							52		57										
			56		62							54		60										
			58		64							65		72										
			63		69							51		57										
			43		48							48		54										
			64		70							63		70										
			58		64							47		52										
			59		65							49		54										
			55		61							2	STH	56		62								
			44		49											60		66						
53		59									47				53									
60		66									47				53									

#35 pool cont. #36 Puffin

Electrofishing Data Sheet

Project No. 200-06 Site No. 4
 Stream Name Aptos Date Sept 29, 2008

36
riff
end

37
pool

Pass No.	Species	Length (mm)			Weight (gm)		Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)			Weight (gm)		Scales	Stomach	Mort	Sex (m/f)	
		SL	FL	TL	F.L.	F.L.							SL	FL	TL	F.L.	F.L.					
2	STH		75		83									57		63						
			58		65										50		56					
			47		53										65		72					
			55		61										58		64					
			53		58										56		62					
			52		57										47		52					
			62		68										55		61					
3	STH		60		67								46		52							
1	STH	1	64	1	80									58		64						
			114	1	26										58		64					
			57		63										48		54					
			60		66										60		66					
			67		74										57		63					
			63		70										53		59					
			56		62										65		72					
			67		75										47		53					
			55		61										45		50					
			88		98										43		47					
			47		53										43		47					
			55		61								2	STH	53		58					
			57		63										56		62					
			65		72										72		80					
			68		75										60		66					
			53		58										45		50					
			57		63										63		69					
	1	00	1	11									63		69							
		58		64									65		72							
		53		59									62		68							
		43		48									44		49							
		54		59									68		75							
		50		55									60		66							
		49		54									65		72							

50. 63 D.A.
53 59

Date 26 Sept 08 Stream Valencia ck Site 2

Sta. # 32 Habitat Categories: Run Length: 49'
 Width: 8' Depth (M&R): X=0.3 → 0.5 Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) ___ 1.2(<2mm) ___ 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: _____

Total Escape Cover: 3' as 1' undercut bank, 2' LWD
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: 1st Pass 2nd Pass 3rd Pass
 SHT YY: 4(4) 3(3) 0 3.3(8.8) Shocker Effectiveness:
 1+/2+: 2(2) 1(1) 0 3.3(3.3) 204, 183, 133
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	SL	
30-34	80-84	∅	none other species
35-39	85-89	∅	
40-44	90-94	∅	
45-49	95-99	∅	
50-54	100-104	∅	
55-59	105-109	∅	
60-64	110-114	∅	
65-69	115-119	∅	
70-74	120-124	∅	
Other:			

Sta. # 33 Habitat Categories: Pool Length: 51'
 Width: 10' Depth (M&R): X=0.5 → 1.3' Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) ___ 1.2(<2mm) ¹⁰⁰ ___ 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: _____

Total Escape Cover: 4' as undercut bank
 Total Overhead Cover: _____ as _____

% Canopy Closure: 74 as _____ %Deciduous 10
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: 1st Pass 2nd Pass 3rd Pass
 SHT YY: 10(10) 1(1) 1(1) 12(12) Shocker Effectiveness:
 1+/2+: 2(2) 2(2) 0 6(6) 239, 201, 155,
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	SL	
30-34	80-84	∅	no other species
35-39	85-89	∅	
40-44	90-94	∅	
45-49	95-99	∅	
50-54	100-104	∅	
55-59	105-109	∅	
60-64	110-114	∅	
65-69	115-119	∅	
70-74	120-124	∅	
Other:			

NO GPS Reception
 Located directly below cross St. of Valencia School Rd

Date 26 Sept 08 Stream Valencia CK Site 2

Sta. # 35 Habitat Categories: POOL Length: 32'
 Width: 10 Depth (M&R): x = 0.6 → 1.3 Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) 85 1.2(<2mm) ✓ 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: _____

Total Escape Cover: 4' as LWD
 Total Overhead Cover: _____ as _____

% Canopy Closure: 72 as alder, Redwood, Bigleaf Maple %Deciduous 40
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: 1st Pass 2nd Pass 3rd Pass
 SHT YY: 8(8) 4(4) 0 13.3(13.3) Shocker Effectiveness: _____
 1+ / 2+: 4(4) 0 0 4(4) 175, 137, 129
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	none
30-34	80-84	130-134	
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Sta. # 36 Habitat Categories: Riffle Length: 17'
 Width: 8' Depth (M&R): x = 0.2 → 0.3 Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) ___ 1.2(<2mm) ___ 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: _____

Total Escape Cover: _____ as _____
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: 1st Pass 2nd Pass 3rd Pass
 SHT YY: 1(1) 1(1) 0 3(3) Shocker Effectiveness: _____
 1+ / 2+: 0 0 0 0 113, 130, 122
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	none
30-34	80-84	130-134	
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Date 26 Sept 08 Stream Valencia ck Site 2

Sta.# 38 Habitat Categories: Riffle Length: 5'
 Width: 4 Depth (M&R): $\bar{x}=0.2 \rightarrow 0.4'$ Tail Crest Depth: _____

Substrate: 1(Org.) _____ 1.1(silt) _____ 1.2(<2mm) _____ 2(2-5mm) _____, (5-25mm) _____
 3(25-50mm) _____ 4(50-75mm) _____ 5(75-150mm) _____ 6(150-225mm) _____ 7(225-300) _____
 8(300-600mm) _____ 9(>600mm) _____ 9.1(Bedrock) _____ %Embeddedness 6+: _____

Total Escape Cover: _____ as _____
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: SHT YY: 2(2) 0 0 2(2) Shocker Effectiveness: _____
 1+/2+: 0 0 0 0 22, 15, 23
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	SL	none
30-34	80-84		
35-39	85-89		
40-44	90-94		
45-49	95-99		
50-54	100-104		
55-59	105-109		
60-64	110-114		
65-69	115-119		
70-74	120-124		
Other:			

Sta.# 37 Habitat Categories: Pool Length: 58'
 Width: 10 Depth (M&R): $\bar{x}=0.4 \rightarrow 1.0$ Tail Crest Depth: _____

Substrate: 1(Org.) _____ 1.1(silt) _____ 1.2(<2mm) ⁸⁵ _____ 2(2-5mm) _____, (5-25mm) _____
 3(25-50mm) _____ 4(50-75mm) _____ 5(75-150mm) _____ 6(150-225mm) _____ 7(225-300) _____
 8(300-600mm) _____ 9(>600mm) _____ 9.1(Bedrock) _____ %Embeddedness 6+: 40

Total Escape Cover: 7' as 1' undercut bank, 6' LWD
 Total Overhead Cover: _____ as _____

% Canopy Closure: 76 as _____ %Deciduous 30
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: SHT YY: 14(14) 3(3) 2(2) 19.2(19.2) Shocker Effectiveness: _____
 1+/2+: 6(6) 3(3) 0 10(10) 374, 392, 419
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	SL	none to medium trematodes; lots of none trematodes
30-34	80-84		
35-39	85-89		
40-44	90-94		
45-49	95-99		
50-54	100-104		
55-59	105-109		
60-64	110-114		
65-69	115-119		
70-74	120-124		
Other:			

Electrofishing Data Sheet

Project No. 200-06 Site No. 2
 Stream Name Valencia c/c Date 26 Sept 08

Pass No.	Species	Length (mm)			FL (mm)		Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)			FL (mm)		Scales	Stomach	Mort	Sex (m/f)		
		SL	FL	TL	Weight (gm)	Weight (gm)							SL	FL	TL	Weight (gm)	Weight (gm)						
33# RUN	1	STH	1	10	12	2								8	5	9	5						
				8	3	9	3							7	3	8	0						
				5	9	6	5							5	6	6	2						
				4	9	5	4							5	4	6	0						
				3	9	4	3							4	3	4	8						
				4	2	4	8							4	9	5	5						
		2	STH	4	9	5	5						2	STH	4	3	4	7					
			6	2	6	8							2	STH	5	1	5	6					
			4	3	4	8							2	STH	4	2	4	7					
			7	6	8	4							2	STH	3	9	4	4					
	3	STH	Ø										3	STH	4	0	4	5					
33# POOL	1	STH	1	19	13	1					3	STH	Ø										
				9	7	10	7						1	STH	4	3	4	8				*36	
				4	5	5	1						1	STH	4	6	5	1				*36	
				4	2	4	7						2	STH	4	6	5	1				*36	
				6	0	6	6						3	STH	Ø							*36	
				5	7	6	4						1	STH	1	0	4	1	6				*36
				4	8	5	4							1	STH	1	0	4	1	6			*36
				3	9	4	3							1	STH	1	0	4	1	6			*36
				4	6	5	2							1	STH	1	0	4	1	6			*36
				5	1	5	7							1	STH	1	0	4	1	6			*36
				5	0	5	6							1	STH	1	0	4	1	6			*36
				4	7	5	3							1	STH	1	0	4	1	6			*36
		2	STH	8	0	8	8							1	STH	8	4	9	4				*36
				8	3	9	3							1	STH	8	4	9	4				*36
				3	6	4	0							1	STH	8	3	9	1				*36
	3	STH	5	5	6	1							1	STH	5	3	5	8				*36	
33# POOL	1	STH	1	0	7	1	1	8						8	7	9	7						
				4	5	5	0							5	7	6	3						
				4	2	4	7							8	6	9	5						
				8	2	9	2							5	4	6	0						
				8	6	9	6							4	6	5	2						

a.c. D.A.

Electrofishing Data Sheet

Project No. 200-06 Site No. 2

Stream Name Valenciack Date 26 Sept 08

Pass No.	Species	Length (mm)			FL (mm)				Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)			FL (mm)				Scales	Stomach	Mort	Sex (m/f)									
		SL	FL	TL	Weight (gm)	FL	FL	FL							FL	Weight (gm)	FL	FL	FL	FL	FL					FL	FL							
cont			51			57																												
			47			53																												
			47			53																												
2	STH	1	18	1	29																													
			79		87																													
			88		97																													
			62		69																													
			52		58																													
			64		71																													
3	STH		65		71																													
			43		48																													
1	STH		67		74																													
			37		42																													
2	STH		Ø																															
3	STH		Ø																															

a.c. D.A.

Date 26 Sept 08 Stream Valencia Site 3

Sta. # 1 Habitat Categories: Pool Length: 37'
 Width: 7' Depth (M&R): X=0.7 → 1.6' Tail Crest Depth: _____

Substrate: 1(Org.) _____ 1.1(silt) ← 1.2(<2mm) → 2(2-5mm) _____, (5-25mm) _____
 3(25-50mm) _____ 4(50-75mm) _____ 5(75-150mm) _____ 6(150-225mm) _____ 7(225-300) _____
 8(300-600mm) _____ 9(>600mm) _____ 9.1(Bedrock) _____ %Embeddedness 6+: 50

Total Escape Cover: 9.5' as 1.5' SWD, 8' LWD
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: 1st Pass 2nd Pass 3rd Pass
 SHT YY: 11(11) 6(6) 0 19.3(19.3) Shocker Effectiveness: _____
 1+/2+: 3(3) 1(1) 0 6(6) 200, 129, 112
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	none
30-34	80-84	130-134	
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	

Sta. # 2 Habitat Categories: Riffle Length: 12'
 Width: 4.5' Depth (M&R): X=0.15 → 0.4' Tail Crest Depth: _____

Substrate: 1(Org.) _____ 1.1(silt) _____ 1.2(<2mm) _____ 2(2-5mm) _____, (5-25mm) _____
 3(25-50mm) _____ 4(50-75mm) _____ 5(75-150mm) _____ 6(150-225mm) _____ 7(225-300) _____
 8(300-600mm) _____ 9(>600mm) _____ 9.1(Bedrock) _____ %Embeddedness 6+: 20

Total Escape Cover: 2' as 1' SWD, 1' white water
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: 1st Pass 2nd Pass 3rd Pass
 SHT YY: 0 0 0 0 Shocker Effectiveness: _____
 1+/2+: 0 0 0 0 37, 26, 25
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	none
30-34	80-84	130-134	
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	

Date 26 Sept 08 Stream Valencia Site 3

Sta. # 3 Habitat Categories: POOL Length: 33'
 Width: 12' Depth (M&R): X=1.0 → 1.9' Tail Crest Depth: _____
 Substrate: 1(Org.) ___ 1.1(silt) 1.2(<2mm) ⁷⁰ 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 25
 Total Escape Cover: 7' as 2' SWD, 5' LWD
 Total Overhead Cover: _____ as _____
 % Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: 1st Pass 2nd Pass 3rd Pass
 SHT YY: 10(10) 4(4) 0 15(15) Shocker Effectiveness: _____
 1+/2+: 5(5) 2(2) 0 9.3(9.3) 198 193 146
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	None
30-34	80-84	130-134	
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	

Other: _____

Sta. # 14 Habitat Categories: riffle Length: 44'
 Width: 5' Depth (M&R): X=0.2 → 0.6' Tail Crest Depth: _____
 Substrate: 1(Org.) ___ 1.1(silt) 1.2(<2mm) ²⁰ 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 25
 Total Escape Cover: 3' as undercut bank
 Total Overhead Cover: _____ as _____
 % Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: 1st Pass 2nd Pass 3rd Pass
 SHT YY: 5(5) 2(2) 1(1) 8.6(8.6) Shocker Effectiveness: _____
 1+/2+: 2(2) 0 0 2(2) 146 128 141
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	

Other: _____

Date 26 Sept 08 Stream Valencia Site 3

Curve above bridge/culvert crossing
NO GPS - first house river left of from bridge

Sta. # #15 Habitat Categories: Pool Length: 69'
Width: 11' Depth (M&R): X=0.7 → 1.1 Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) ___ 1.2(<2mm) ⁹⁰ ___ 2(2-5mm) ___ (5-25mm) ___
3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 35

Total Escape Cover: 5.5' as 2.5' SWD, 3' LWD
Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
Algae (%cover, thickness, dist.): _____
Aquatic Vegetation (types, %cover, dist.): _____
Food Rating(I): _____

Fish#: SHT YY: 26(26) 6(6) 5(5) 38(38.0) Shocker Effectiveness: _____
1+/2+: 10(10) 0 0 10(10) 252, 239, 233
COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Sta. # _____ Habitat Categories: _____ Length: _____
Width: _____ Depth (M&R): _____ Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) ___ 1.2(<2mm) ___ 2(2-5mm) ___ (5-25mm) ___
3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: _____

Total Escape Cover: _____ as _____
Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
Algae (%cover, thickness, dist.): _____
Aquatic Vegetation (types, %cover, dist.): _____
Food Rating(I): _____

Fish#: SHT YY: _____ Shocker Effectiveness: _____
1+/2+: _____
COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Electrofishing Data Sheet

Page 1 of 2

Project No. 200-06 Site No. 3
 Stream Name Valencia Date 26 Sept 06

Pass No.	Species	Length (mm)			Weight (gm)		Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)			Weight (gm)		Scales	Stomach	Mort	Sex (m/f)	
		SL	FL	TL	FL	TL							FL	TL	FL	TL						
1	STH	5	8		6	4					2	STH	1	2	6	1	3	8				
		8	6		9	3							1	1	0	1	2	0				
		5	5		6	1							1	0	0	1	1	0				
		6	7		7	5							6	0		6	6					
		6	2		6	9							6	2		6	8					
		9	0	1	0	0							5	8		6	4					
		6	4		7	0							5	8		5	8					
		6	2		6	9							5	2		6	4					
		6	6		7	3							6	5		7	2					
		7	6		8	4							7	8		8	7					
		5	9		6	5							5	8		6	4					
		5	8		6	5							5	2		5	8					
		5	2		5	8							5	3		5	9					
		6	5		7	2							5	1		5	7					
2	STH	7	8		8	7					3	STH	0									
		5	8		6	4					1	STH	1	0	3	1	1	3				
		5	2		5	8							7	7		8	6					
		5	3		5	9							5	6		6	2					
		5	1		5	7							5	8		6	5					
		5	3		5	9							6	2		6	8					
		6	9		7	6							6	2		6	8					
3	STH	0											6	1		6	7					
1	STH	0											6	1		6	7					
2	STH	0									2	STH	6	5		7	2					
3	STH	0											4	8		5	3					
1	STH	9	7		10	7					3	STH	6	0		6	6					
		1	1	2	1	2					1	STH	1	1	3	1	2	4				
		8	6		9	4							1	0	4	1	1	7				
		8	3		9	3							8	0		8	0					
		7	1		7	9							6	7		7	3					
		7	3		8	3							8	6		9	6					
		8	1		8	8							8	6		9	5					

Pool #1

Pool #3 r/c/p/6/3

Pool #3

#14

#14 r/c/a/c

#15

Pool #1

a.c. D.A

Electrofishing Data Sheet

Project No. 200-06 Site No. 3
 Stream Name Valenciack Date 26 Sept 08

Pass No.	Species	Length (mm)			Weight (gm)	Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)			Weight (gm)	Scales	Stomach	Mort	Sex (m/f)
		SL	FL	TL	FL (mm)							SL	FL	TL	FL (mm)				
15	cont.		61		68								53	59					
			95		105								51	56					
			53		58								51	57					
			51		57								56	62					
			101		110					3	STH		55	61					
			93		104								49	55					
			59		65								48	54					
			55		61								59	66					
			57		63								45	51					
			77		85														
			67		75														
			67		73														
			59		65														
			81		90														
			57		63														
			65		72														
			57		63														
			63		69														
			59		66														
			66		73														
			53		59														
			62		68														
			57		63														
			52		58														
			66		72														
			48		53														
			59		65														
			57		63														
			52		58														
			50		56														
2	STH		56		62														
			60		67														

Date 30 Sept 08 Stream Corralitos Site 0 (below dam)

culvert on left bank high

Sta. # 23 Habitat Categories: Pool Length: 68'
 Width: 18 Depth (M&R): X=0.9 → 1.5' Tail Crest Depth: _____

Substrate: 1(Org.) _____ 1.1(silt) 1.2(<2mm) 2(2-5mm) _____ (5-25mm) _____
 3(25-50mm) _____ 4(50-75mm) _____ 5(75-150mm) _____ 6(150-225mm) _____ 7(225-300) _____
 8(300-600mm) _____ 9(>600mm) _____ 9.1(Bedrock) _____ %Embeddedness 6+: 50

Total Escape Cover: 8' as 2' SWP, 3' LWD, 3' root mass
 Total Overhead Cover: _____ as _____

% Canopy Closure: 74 as _____ %Deciduous 100
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: 1st Pass 2nd Pass 3rd Pass
 SHT YY: 28(28) 12(12) 5(5) 48.8 Shocker Effectiveness: _____
 1+/2+: 9(9) 4(4) 0 14.1 444, 398, 317
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	CR sculpin
35-39	85-89	135-139	P. Sculpin
40-44	90-94	140-144	juv cutthroat 2'
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

N 37.0079 W 121.80544

Sta. # 24 Habitat Categories: Run Length: 52'
 Width: 15 Depth (M&R): X=0.6 → 0.9' Tail Crest Depth: _____

Substrate: 1(Org.) _____ 1.1(silt) 1.2(<2mm) 2(2-5mm) _____ (5-25mm) _____
 3(25-50mm) _____ 4(50-75mm) _____ 5(75-150mm) _____ 6(150-225mm) _____ 7(225-300) _____
 8(300-600mm) _____ 9(>600mm) _____ 9.1(Bedrock) _____ %Embeddedness 6+: 35

Total Escape Cover: 7' as 4' roots, 3' boulders
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: 1st Pass 2nd Pass 3rd Pass
 SHT YY: 21(21) 6(6) 6(6) 35.8 Shocker Effectiveness: _____
 1+/2+: 2(2) 0 0 2 265, 200, 233
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	CR sculpin
35-39	85-89	135-139	prickley
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Date Sept 30, 2009 Stream Corralitas Site D

Sta. # 25 Habitat Categories: Riffle Length: 45'
 Width: 13' Depth (M&R): $\bar{y} = 0.55 \rightarrow 0.6'$ Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) 1.2(<2mm) ¹⁵ 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 35

Total Escape Cover: 3' as 1' rootmass, 2' boulder
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: 1st Pass 2nd Pass 3rd Pass
 SHT YY: 14(14) 10(10) 0(0) 29.6 Shocker Effectiveness: _____
 1+/2+: 0 0 0 0 228, 203, 185
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:
25-29	75-79	125-129
30-34	80-84	130-134
35-39	85-89	135-139
40-44	90-94	140-144
45-49	95-99	145-149
50-54	100-104	150-154
55-59	105-109	155-159
60-64	110-114	160-164
65-69	115-119	165-169
70-74	120-124	170-174
Other:		

Other Species: CR Sculpin III | | |

Sta. # 49 Habitat Categories: pool Length: 78'
 Width: 20 Depth (M&R): $\bar{y} = 1.0 \rightarrow 1.1$ Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) 1.2(<2mm) ⁴⁰ 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 50

Total Escape Cover: 6' as 3' LWD, 1' rootmass, 2' whitewater
 Total Overhead Cover: _____ as _____

% Canopy Closure: 80 as _____ %Deciduous 100
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: 1st Pass 2nd Pass 3rd Pass
 SHT YY: 17(17) 8(8) 5(5) 34.6 Shocker Effectiveness: _____
 1+/2+: 5(5) 0 0 5 408, 365, 328
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:
25-29	75-79	125-129
30-34	80-84	130-134
35-39	85-89	135-139
40-44	90-94	140-144
45-49	95-99	145-149
50-54	100-104	150-154
55-59	105-109	155-159
60-64	110-114	160-164
65-69	115-119	165-169
70-74	120-124	170-174
Other:		

Other Species: JUV sockeye III Spikely Sculpin III Trampers CR Sculpin

W 121. 80740
N 37.00437

Electrofishing Data Sheet

Page 1 of 3

Project No. 200-06 Site No. 0 (below dam)
 Stream Name Corralitos Date 30 Sep 08

Pass No.	Species	Length (mm)			Weight (gm)	Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)			Weight (gm)	Scales	Stomach	Mort	Sex (m/f)	
		SL	FL	TL	FL							F.L.	SL	FL	TL					F.L.
123	STH	1	62	180								55	61							
			104	115									52	58						
			70	78									56	62						
			52	58									59	65						
			66	73									56	63						
			105	117									48	53						
			92	102									58	65						
			58	54									46	52						
			49	55									49	54						
			53	59									42	47						
			49	55							2	STH	78	86						
			95	106									142	158						
			108	120									86	95						
			61	67									56	63						
			52	58									96	107						
			59	66									53	59						
			51	57									57	63						
			47	53									58	64						
			46	52									48	54						
			60	66									59	65						
	113	123									70	78								
	49	55									44	48								
	54	61									39	44								
	92	102									50	56								
	65	72									37	41								
	73	81									43	48								
	60	66							3	STH	48	53								
	44	48									57	63								
	39	43									61	67								
	36	40									46	52								
	83	93									54	60								
	55	61									.									

Q.C. _____ D.A. _____

Electrofishing Data Sheet

Project No. 200-06 Site No. 0
 Stream Name Coralitas Date Sept 30, 2008

49
cont

Pass No.	Species	Length (mm)		Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)		Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)		
		SL	FL TL								SL	FL TL							
1	STH	97	107	61															
		55		61															
		91	103																
		40		45															
		98	108																
		63		69															
		59		65															
		52		58															
		57		63															
		51		57															
		49		55															
		43		47															
		40		45															
		52		58															
		41		46															
57		63																	
50		56																	
2	STH	54	60																
		56	62																
		57	63																
		61	67																
		34	39																
		61	67																
		47	53																
3	STH	43	47																
		60	67																
		41	46																
		46	52																
		41	46																
52	57																		

Date Sept. 30, 2008 Stream Coralitas Site 3

Sta. # 9 Habitat Categories: RvH Length: 37'
 Width: 22' Depth (M&R): $\bar{x}=0.5 \rightarrow 0.7'$ Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) 1.2(<2mm) ²⁰ 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 30

Total Escape Cover: 2' as boulders
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#:	1st Pass	2nd Pass	3rd Pass	Shocker Effectiveness:
SHT YY:	<u>7(7)</u>	<u>1(1)</u>	<u>0</u> <u>8.1</u>	<u>192, 218, 187</u>
1+/2+:	<u>0</u>	<u>0</u>	<u>0</u>	
COHO :	_____	_____	_____	

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	<u>CR SCULPIN III</u>
30-34	80-84	130-134	
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Sta. # 10 Habitat Categories: Pool Length: 41'
 Width: 16' Depth (M&R): $\bar{x}=1.0 \rightarrow 1.5'$ Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) 1.2(<2mm) ⁴⁰ 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 35

Total Escape Cover: 5' as 2' SWD, 2' LWD, 1' boulder
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#:	1st Pass	2nd Pass	3rd Pass	Shocker Effectiveness:
SHT YY:	<u>12(12)</u>	<u>3(3)</u>	<u>3(3)</u> <u>19</u>	<u>276, 207, 207</u>
1+/2+:	<u>2(2)</u>	<u>1(1)</u>	<u>0</u> <u>3.3</u>	
COHO :	_____	_____	_____	

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	<u>CR SCULPIN III</u> <u>Perchling</u> <u>0</u> <u>0</u> <u>1</u>
30-34	80-84	130-134	
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Date 30 Sept 08 Stream Corralitos Site 3

Sta.# 11 Habitat Categories: riffle Length: 11'
 Width: 16' Depth (M&R): $\bar{X}=0.25 \rightarrow 0.6$ Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) $\leftarrow 1.2(<2mm) \xrightarrow{10}$ 2(2-5mm) ___, (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 30

Total Escape Cover: 0 as _____
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: SHT YY: 1(1) 0 0 1(1) Shocker Effectiveness: _____
 1+/2+: 0 0 0 0 87, 100, 84
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	CR sculpin
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Sta.# 12 Habitat Categories: pool Length: 70'
 Width: 20 Depth (M&R): $\bar{X}=1.1 \rightarrow 2.1$ Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) $\leftarrow 1.2(<2mm) \xrightarrow{90}$ 2(2-5mm) ___, (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 60

Total Escape Cover: 7' as LWD
 Total Overhead Cover: _____ as _____

% Canopy Closure: 82 as _____ %Deciduous 15
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: SHT YY: 14(14) 8(8) 2(2) 27.5 Shocker Effectiveness: _____
 1+/2+: 6(6) 1(1) 1(1) 8.1 268, 256, 227
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	
35-39	85-89	135-139	CR sculpin
40-44	90-94	140-144	sculpin sp. III III III
45-49	95-99	145-149	prickles
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:		185	

W 121, 81004
N 37,00930

Date Sept 30, 2008 Stream Corralitos Site 3

Sta.# 13 Habitat Categories: Pool Length: 96'
 Width: 16 Depth (M&R): X=1.2 → 2.2 Tail Crest Depth: _____
 Substrate: 1(Org.) ___ 1.1(silt) 1.2(<2mm) ⁹⁰ 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 45
 Total Escape Cover: 25' as 22' undercut banks, 3' SWD
 Total Overhead Cover: _____ as _____
 % Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: _____
 SHT YY: 11(11) 6(6) 2(2) 21.7 Shocker Effectiveness: _____
 1+/2+: 7(7) 2(2) 0 9.3 336, 258, 255
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129 \emptyset	
30-34	80-84	130-134	<u>trout</u> \emptyset
35-39	85-89	135-139	<u>prickly sculpin</u> \emptyset
40-44	90-94	140-144	<u>sculpin sp.</u> \emptyset
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	

Sta.# 14 Habitat Categories: riffle Length: 0'
 Width: 27 Depth (M&R): X=0.15 → 0.35 Tail Crest Depth: _____
 Substrate: 1(Org.) ___ 1.1(silt) 1.2(<2mm) ¹⁰ 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 25
 Total Escape Cover: 0.5' as boulders
 Total Overhead Cover: _____ as _____
 % Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: _____
 SHT YY: 1(1) 0 0 1(1) Shocker Effectiveness: _____
 1+/2+: 0 0 0 0 127, 123, 125
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34 \emptyset \emptyset	80-84	130-134	<u>prickly sculpin</u>
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	

Electrofishing Data Sheet

Project No. 200-06 Site No. 3
 Stream Name Corralitos Date Sept 30, 2008

Pass No.	Species	Length (mm)			Length Weight (gm) FL	Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)			Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)	
		SL	FL	TL								SL	FL	TL						
#9 Riv	1	STH	70		77		med	tr.		1	STH	63		69					#11 Rivfl.	
			57		63					2	STH									
			58		64					3	STH									
			57		63					1	STH	18	52	03		med	heavy	tr.		#12 pool
			38		42							11	21	26	1					
			53		59				✓			11	81	31	1					
			37		41				✓				89	98						
2	STH	44		49								97	107							
3	STH											52	57							
#10 pool	1	STH	101		110		heavy	tr.				54	60							
			116		130							51	56							
			56		61							49	56							
			46		52							49	55							
			42		46							32	57							
			47		52							78	86							
			39		44							58	65							
			46		51							50	56							
			66		73							55	62							
			41		45							46	52							
			45		51							40	45							
			55		61							44	48							
			53		59							41	46							
			42		46							46	52							
	2	STH	97		107					2	STH	79		88						
			65		72							53		59						
		54		60							57		63							
		47		53							58		65							
		60		67				✓			63		69							
3	STH	60		67							38		43							
		49		55							51		57							
		44		49							52		58							
											38		42							

a.c. D.A.

Electrofishing Data Sheet

Project No. 200-06 Site No. 3
 Stream Name Corralitos Date Sept 30, 2008

Pass No.	Species	Length (mm)			Length Weight (gm)	Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)			Weight (gm)	Scales	Stomach	Mort	Sex (m/f)		
		SL	FL	TL								FL	FL	FL						TL	F.L.
3	STH		78		87					1	STH		59								
			51		57							2	STH		Ø						
			36		40									3	STH		Ø				
1	STH		93	103																	
			63		69																
			113	125																	
			93		103																
			102		113																
			104		115																
			92		102																
			80		88																
			68		75																
			47		53																
			64		71																
			65		71																
			45		51																
			49		55																
			61		67																
	65		72																		
	58		63																		
	52		58																		
2	STH		151	165																	
			97	107																	
			72		80																
			60		67																
			65		72																
			59		65																
			56		62																
3	STH		58		65																
			49		55																

#12 pool
#13 pool

#14 riffle

Date Oct 1, 2008 Stream Corralitas Site 8

Sta.# 55 Habitat Categories: Pool Length: 39'
 Width: 17' Depth (M&R): X=1.5 → 2.0 Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) ⁴⁰ 1.2(<2mm) ___ 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 35

Total Escape Cover: 12' as boulders
 Total Overhead Cover: _____ as _____

% Canopy Closure: 72 as _____ %Deciduous 25
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: 1st Pass 2nd Pass 3rd Pass
 SHT YY: 11(11) 5(5) 0 17.5 Shocker Effectiveness: _____
 1+/2+: 3(3) 0 1(1) 4 245, 189, 194
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	<u>S.L.</u>	
30-34	80-84	125-129	
35-39	85-89	130-134	<u>prickly sculpin</u>
40-44	90-94	135-139	
45-49	95-99	140-144	
50-54	100-104	145-149	
55-59	105-109	150-154	
60-64	110-114	155-159	
65-69	115-119	160-164	
70-74	120-124	165-169	
Other:		170-174	

Sta.# 56 Habitat Categories: Riffle Length: 9'
 Width: 5' Depth (M&R): X=0.2 → 0.8 Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) ___ 1.2(<2mm) ___ 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: _____

Total Escape Cover: _____ as _____
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: 1st Pass 2nd Pass 3rd Pass
 SHT YY: 1(1) 0 0 1 Shocker Effectiveness: _____
 1+/2+: 0 0 0 0 38, 36, 39
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	<u>S.L.</u>	
30-34	80-84	125-129	
35-39	85-89	130-134	
40-44	90-94	135-139	<u>none</u>
45-49	95-99	140-144	
50-54	100-104	145-149	
55-59	105-109	150-154	
60-64	110-114	155-159	
65-69	115-119	160-164	
70-74	120-124	165-169	
Other:		170-174	

Date Oct. 1, 2008 Stream Corralitos Site 8

Sta. # 57 Habitat Categories: step run Length: 55'
 Width: 10 Depth (M&R): $\bar{x} = 0.3 \rightarrow 0.9$ Tail Crest Depth: _____

Substrate: 1(Org.) _____ 1.1(silt) 2.5 1.2(<2mm) _____ 2(2-5mm) _____ (5-25mm) _____
 3(25-50mm) _____ 4(50-75mm) _____ 5(75-150mm) _____ 6(150-225mm) _____ 7(225-300) _____
 8(300-600mm) _____ 9(>600mm) _____ 9.1(Bedrock) _____ %Embeddedness 6+: 30

Total Escape Cover: 2.5' as boulders
 Total Overhead Cover: _____ as _____

% Canopy Closure: 80 as _____ %Deciduous 15
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: 1st Pass 2nd Pass 3rd Pass
 SHT YY: 5(5) 2(2) 2(2) 11.0 Shocker Effectiveness: _____
 1+/2+: 0 1(1) 0 1 269, 201, 210
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	Prickly sculpin IIII
35-39	85-89	135-139	CR sculpin I
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Sta. # 58 Habitat Categories: pool Length: 100'
 Width: 20 Depth (M&R): $\bar{x} = 1.2 \rightarrow 2.1$ Tail Crest Depth: _____

Substrate: 1(Org.) _____ 1.1(silt) 60 1.2(<2mm) _____ 2(2-5mm) _____ (5-25mm) _____
 3(25-50mm) _____ 4(50-75mm) _____ 5(75-150mm) _____ 6(150-225mm) _____ 7(225-300) _____
 8(300-600mm) _____ 9(>600mm) _____ 9.1(Bedrock) _____ %Embeddedness 6+: 50

Total Escape Cover: 11' as boulders
 Total Overhead Cover: _____ as _____

% Canopy Closure: 74 as _____ %Deciduous 15
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: 1st Pass 2nd Pass 3rd Pass
 SHT YY: 44(44) 9(9) 9(9) 3(3) 65(65) Shocker Effectiveness: _____
 1+/2+: 10(10) 1(1) 2(2) 1(1) 14(14) 452, 397, 335, 369
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	prickly sculpin IIII
35-39	85-89	135-139	CR sculpin II
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

W 121.81962
 N 37.03244

ADULT CR GIANT SALAMANDER ~12"

Electrofishing Data Sheet

Project No. 200-06 Site No. 8
 Stream Name Corralitos Date Oct 1, 2008

Pass No.	Species	Length (mm)			Weight (gm)		Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)			Weight (gm)		Scales	Stomach	Mort	Sex (m/f)		
		SL	FL	TL	FL	TL							FL	TL	F.	L.							
1	STH	3	5		3	9					3	STH	3	3		3	6						
		8	0		8	7							4	0		4	5						
		1	1	3	1	2	3						1	2	8	1	4	2					
		8	1		9	1							1	1	4	1	2	6					
		5	8		6	4							8	7		9	8						
		7	2		8	0							5	6		6	2						
		6	1		6	8							6	5		7	2						
		5	7		6	3							6	2		6	8						
		3	3		3	7							4	3		4	7						✓
		6	0		6	6							7	1		7	8						
		4	1		4	6							6	6		7	2						
		4	5		5	1							1	1	1	1	2	2					
		5	1		5	7							7	8		8	7						
		3	8		4	3							6	5		7	1						
		2	STH	6	7		7	4						7	7		8	4					
5	9				6	5				5	9		6	6									
4	5				5	1				6	5		7	2									
4	6				5	1				4	9		5	4									
4	4				4	9				9	3	1	0	3									
3	STH	9	4	1	0	4				9	7	1	0	7									
		1	5	5	6	1				8	2		9	2									
		2	5	8						5	0		5	6									
1	STH	5	6		6	3				5	6		6	2									
		5	7		6	3				5	8		6	4									
		5	1		5	7				5	0		5	5									
		4	7		5	1				6	8		7	5									
		4	5		5	0				6	7		7	3									
		4	5		5	0				4	9		5	4									
		8	7		9	6				8	3		9	3									
2	STH	5	7		6	3				4	6		5	1									
		6	1		6	7				5	3		5	9									
		4	7		5	2				4	2		4	8									

#55 pool

#58 pool

#56
#57
STEP RUN

a.c. D.A.

Electrofishing Data Sheet

Project No. 200-06 Site No. 8
 Stream Name Corralitos Date Oct 1, 2008

Pass No.	Species	Length (mm)		Length (mm)	Weight (gm)	Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)		Weight (gm)	Scales	Stomach	Mort	Sex (m/f)	
		FL	TL									FL	F.L.						
		62		68								53		61					
		56		62								52		57					
		66		72								59		65					
		49		49						3	STH	92	1	02					
		57		63								90	1	00					
		61		68								57		63					
		46		52								62		68					
		51		56								63		69					
		67		73								61		67					
		39		43								46		52					
		37		41								49		54					
		45		50								52		57					
		59		65								53		59					
		58		64								53		59					
		45		50						4	STH	106	1	17					
		41		46								58		64					
		56		61								52		57					
		62		68								56		62					
		53		59															
		57		63															
		48		54															
		56		62															
		64		70															
		60		66															
		47		52															
2	STH	112	1	123															
		49		54															
		67		73															
		50		56															
		40		45															
		66		73															
		47		53															

Date Oct 1, 2008 Stream Coezatlitos Site 9

Sta. # 56 Habitat Categories: Pool Length: 26'
 Width: 11 Depth (M&R): X=0.9 → 1.4' Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) ³⁰ 1.2(<2mm) ✓ 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 65

Total Escape Cover: 4' as boulders
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: 1st Pass 2nd Pass 3rd Pass
 SHT YY: 11(11) 1(1) 0 12.0 Shocker Effectiveness: _____
 1+/2+: 11(11) 1(1) 1(1) 13.0 132, 92, 103
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:		175	

Sta. # 57 Habitat Categories: Step Run Length: 67'
 Width: 8 Depth (M&R): X=0.3 → 1.0 Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) ___ 1.2(<2mm) ___ 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: _____

Total Escape Cover: _____ as _____
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: 1st Pass 2nd Pass 3rd Pass
 SHT YY: 17(17) 2(2) 0 19.1 Shocker Effectiveness: _____
 1+/2+: 2(2) 0 0 2 266, 209, 174
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			<u>CA giant Salamander</u>

Date Oct. 1, 2008 Stream Corralitos Site 9

Sta. # 58 Habitat Categories: Pool Length: 30'
Width: 13 Depth (M&R): X=0.9 → 1.2 Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) ___ 1.2(<2mm) 13 2(2-5mm) ___ (5-25mm) ___
3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 40

Total Escape Cover: 4' as boulders
Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
Algae (%cover, thickness, dist.): _____
Aquatic Vegetation (types, %cover, dist.): _____
Food Rating(I): _____

Fish#: _____
SHT YY: 20(20) 1(1) 2(2) 23.0 Shocker Effectiveness: _____
1+1/2+: 5(5) 0 0 5 119, 111, 115
COHO : _____

W 121.81850

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement: <u>S.L.</u>	Other Species:
25-29	75-79	125-129	<u>CA GIANT SALAMANDER</u>
30-34	80-84	130-134	
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

N 37.04084

Sta. # 59 Habitat Categories: Pool Length: 23'
Width: 13' Depth (M&R): X=1.1 → 2.0 Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) ___ 1.2(<2mm) 15 2(2-5mm) ___ (5-25mm) ___
3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 35

Total Escape Cover: 4' as boulders
Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
Algae (%cover, thickness, dist.): _____
Aquatic Vegetation (types, %cover, dist.): _____
Food Rating(I): _____

Fish#: _____
SHT YY: 5(5) 2(2) 2(2) 11.0 Shocker Effectiveness: _____
1+1/2+: 5(5) 0 0 5 103, 108, 105
COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement: <u>S.L.</u>	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Electrofishing Data Sheet

Project No. 200-06

Site No. 9

Stream Name Copralitos

Date Oct 1, 2008

Pass No.	Species	Length (mm)			Length Weight (gm) FL	Scales	Stomach	Mort	Sex (m/f)	Pass No. cont.	Species	Length (mm)			Length Weight (gm) FL	Scales	Stomach	Mort	Sex (m/f)		
		SL	FL	TL								SL	FL	TL							
#56 pool 1	STH	17	5	20	1					1	STH	6	7	7	4						
		13	1	14	3							6	3	6	9						
		9	5	10	5							4	8	5	4						
		8	6	9	6							6	9	7	5						
		11	2	12	6							4	8	5	4						
		9	2	10	3							5	3	5	9						
		9	3	10	4							5	5	6	1						
		5	5	6	2							4	5	5	0						
		4	7	5	3							4	7	5	3						
		8	5	9	4							5	9	6	5						
		7	7	8	5							3	7	4	1						
		8	8	9	8							4	3	4	8						
		6	0	6	6							2	STH	5	6	6	2				
		7	6	8	3							6	3	6	9						
		5	1	5	7							3	STH	Ø							
#57 stop pool 2	STH	4	7	5	3					1	STH	16	6	17	9						
		5	9	6	5							8	5	9	5						
		4	4	4	9							9	5	10	5						
		4	2	4	7							4	5	5	0						
		3	7	4	3							5	8	6	4						
		3	3	3	7							8	0	8	7						
		4	6	5	2							5	6	6	2						
		2	STH	14	1	15	6							4	7	5	3				
		5	0	5	6							4	2	4	7						
		3	STH	8	6	9	6							5	4	6	0				
		1	STH	9	7	10	6							5	1	5	6				
		9	2	10	2							4	3	4	8						
		6	1	6	7							5	2	5	7						
		4	2	4	6							4	2	4	6						
		5	3	5	9							6	2	6	8						
4	6	5	1					5	3	5	9										
5	6	6	2					3	7	4	1										

a.c. D.A.

Electrofishing Data Sheet

Project No. 200-06 Site No. 9
 Stream Name Corralitas Date Oct 1, 2008

Pass No.	Species	Length (mm)			Weight (gm)	Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)			Weight (gm)	Scales	Stomach	Mort	Sex (m/f)		
		SL	FL	TL								SL	FL	TL							
1	STH		75		83																
			42		47																
			80		88																
			41		46																
			57		63																
			57		63																
			52		57																
			50		56																
			44		49																
		2	STH		46		51														
3	STH		37		41																
			38		42																
1	STH	1	43	1	56																
			90		99																
			91	1	100																
			95	1	104																
			80		89																
			57		64																
			49		54																
			38		42																
			55		61																
			50		56																
2	STH		60		66																
			60		66																
3	STH		55		61																
			33		36																

cont # SB pool

SB pool

Date Oct 1, 2008 Stream Shingle Hill Site 1

Sta. # 23 Habitat Categories: Step Riffle Length: 17'
 Width: 5' Depth (M&R): $\bar{x} = 0.2 \rightarrow 0.5$ Tail Crest Depth: _____

Substrate: 1(Org.) _____ 1.1(silt) _____ 1.2(<2mm) _____ 2(2-5mm) _____ (5-25mm) _____
 3(25-50mm) _____ 4(50-75mm) _____ 5(75-150mm) _____ 6(150-225mm) _____ 7(225-300) _____
 8(300-600mm) _____ 9(>600mm) _____ 9.1(Bedrock) _____ %Embeddedness 6+: _____

Total Escape Cover: _____ as _____
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#:		1st Pass	2nd Pass	3rd Pass	
SHT	YY:	<u>4(4)</u>	<u>0</u>	<u>0</u>	<u>4</u>
	1+/2+:	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
COHO	:	_____	_____	_____	_____

Shocker Effectiveness: 50, 53, 42

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	<u>S.L.</u>	_____
30-34	80-84	125-129	_____
35-39	85-89	130-134	_____
40-44	90-94	135-139	_____
45-49	95-99	140-144	_____
50-54	100-104	145-149	_____
55-59	105-109	150-154	_____
60-64	110-114	155-159	_____
65-69	115-119	160-164	_____
70-74	120-124	165-169	_____
Other:		170-174	_____

Sta. # 30 Habitat Categories: Pool Length: 42'
 Width: 9 Depth (M&R): $\bar{x} = 0.7 \rightarrow 1.2$ Tail Crest Depth: _____

Substrate: 1(Org.) _____ 1.1(silt) _____ 1.2(<2mm) ⁴⁰ _____ 2(2-5mm) _____ (5-25mm) _____
 3(25-50mm) _____ 4(50-75mm) _____ 5(75-150mm) _____ 6(150-225mm) _____ 7(225-300) _____
 8(300-600mm) _____ 9(>600mm) _____ 9.1(Bedrock) _____ %Embeddedness 6+: 70

Total Escape Cover: 2' as 1' undercut bank, 1' boulder
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#:		1st Pass	2nd Pass	3rd Pass	
SHT	YY:	<u>2(2)</u>	<u>3(3)</u>	<u>0</u>	<u>5</u>
	1+/2+:	<u>4(4)</u>	<u>0</u>	<u>0</u>	<u>4</u>
COHO	:	_____	_____	_____	_____

Shocker Effectiveness: 124, 118, 107

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	<u>S.L.</u>	_____
30-34	80-84	125-129	_____
35-39	85-89	130-134	_____
40-44	90-94	135-139	<u>Coast Range sculpin</u>
45-49	95-99	140-144	<u>prickly sculpin</u>
50-54	100-104	145-149	_____
55-59	105-109	150-154	_____
60-64	110-114	155-159	_____
65-69	115-119	160-164	_____
70-74	120-124	165-169	_____
Other:		170-174	_____

Date Oct. 1, 2008 Stream Shingle Mill Site 1

Sta. # 31 Habitat Categories: Step Run Length: 17'
 Width: 5 Depth (M&R): X=0.4 → 0.8 Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) ___ 1.2(<2mm) ___ 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: _____

Total Escape Cover: _____ as _____
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: 1st Pass 2nd Pass 3rd Pass
 SHT YY: 1(1) 0 1(1) 2 Shocker Effectiveness: _____
 1+/2+: 0 1(1) 0 1 80, 42, 58
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement: <u>S.L.</u>	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	
35-39	85-89	135-139	<u>prickly sculpin II</u>
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Sta. # 32 Habitat Categories: pool Length: 15'
 Width: 9' Depth (M&R): X=0.7 → 1.0 Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) ___ 1.2(<2mm) ³⁰ ___ 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 65

Total Escape Cover: 1.5' as boulders
 Total Overhead Cover: _____ as _____

% Canopy Closure: 70 as _____ %Deciduous 5
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: 1st Pass 2nd Pass 3rd Pass
 SHT YY: 3(3) 1(1) 1(1) 5.7 Shocker Effectiveness: _____
 1+/2+: 1(1) 0 0 1 80, 57, 49
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement: <u>S.L.</u>	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	
35-39	85-89	135-139	<u>prickly sculpin II</u>
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Date Oct 1, 2008 Stream Shingle Hill Site 1

Sta. # 33 Habitat Categories: Pool Length: 14'
 Width: 8 Depth (M&R): X=0.8 → 1.2 Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) 1.2(<2mm) ²⁰ 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 55

Total Escape Cover: 2.5' as boulders
 Total Overhead Cover: _____ as _____

% Canopy Closure: 72 as _____ %Deciduous 5

Algae (%cover, thickness, dist.): _____

Aquatic Vegetation (types, %cover, dist.): _____

Food Rating(I): _____

W 121.81396

Fish#:	YY:	1st Pass	2nd Pass	3rd Pass	Shocker Effectiveness:
SHT		<u>1(1)</u>	<u>1(1)</u>	<u>0</u>	<u>2</u>
COHO	1+/2+:	<u>0</u>	<u>2(2)</u>	<u>0</u>	<u>2</u>
					<u>53, 28, 63</u>

N 37.04475

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	<u>S.L.</u>	
30-34	80-84		<u>Prickly sculpin III</u>
35-39	85-89		
40-44	90-94		
45-49	95-99		
50-54	100-104		
55-59	105-109		
60-64	110-114		
65-69	115-119		
70-74	120-124		
Other:			

Sta. # 34 Habitat Categories: Step-run Length: 20'
 Width: 3 Depth (M&R): X=0.45 → 0.7 Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) ___ 1.2(<2mm) ___ 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: _____

Total Escape Cover: _____ as _____
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____

Algae (%cover, thickness, dist.): _____

Aquatic Vegetation (types, %cover, dist.): _____

Food Rating(I): _____

Fish#:	YY:	1st Pass	2nd Pass	3rd Pass	Shocker Effectiveness:
SHT		<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
COHO	1+/2+:	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
					<u>55, 64, 44</u>

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	<u>S.L.</u>	
30-34	80-84		<u>Prickly sculpin 1/0/0</u>
35-39	85-89		
40-44	90-94		
45-49	95-99		
50-54	100-104		
55-59	105-109		
60-64	110-114		
65-69	115-119		
70-74	120-124		
Other:			

Electrofishing Data Sheet

Project No. 200-06 Site No. 1
 Stream Name Shingle Mill Date Oct 1, 2008

Pass No.	Species	Length (mm)			Length Weight (gm)		Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)			Length Weight (gm)		Scales	Stomach	Mort	Sex (m/f)
		SL	FL	TL	mm	FL							mm	FL	mm						
#23	1 STH		60		66						3	STH									
			46		52																
			42		46																
			47		53																
	2 STH		Ø																		
	3 STH		Ø																		
#30 pool	1 STH	1	30		143																
			97		107																
			102		112																
			98		107																
			51		57																
			45		50																
2			40		45																
			47		53																
			51		57																
			Ø																		
#31 stop pool	1 STH		47		53																
			77		85																
			37		41																
#32 pool	1 STH	1	110		122																
			39		43																
			38		42																
			38		42																
			74		82																
#33 pool	1 STH		47		53																
			53		59																
			86		96																
			86		96																
			72		80																
#34	3 STH		Ø																		
			1 STH		Ø																
			2 STH		Ø																

Date Oct 2, 2008 Stream Shingle Mill Site 3

e 9:30
55°F

Sta. # 31 Habitat Categories: pool (artificial) Length: 23'
Width: 5 Depth (M&R): X=0.8 → 1.25 Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) ___ 1.2(<2mm) 15 2(2-5mm) ___ (5-25mm) ___
3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 65

Total Escape Cover: 2' as art. concrete ledge
Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
Algae (%cover, thickness, dist.): _____
Aquatic Vegetation (types, %cover, dist.): _____
Food Rating(I): _____

Fish#: SHT YY: 5(5) 0 1(1) 6.7 Shocker Effectiveness: _____
1+/2+: 0 0 0 0 56, 67, 54
COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	CA Newt
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Sta. # 52 Habitat Categories: Riffle Length: 15'
Width: 4 Depth (M&R): X=0.05 → 0.1 Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) ___ 1.2(<2mm) ___ 2(2-5mm) ___ (5-25mm) ___
3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: _____

Total Escape Cover: _____ as _____
Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
Algae (%cover, thickness, dist.): _____
Aquatic Vegetation (types, %cover, dist.): _____
Food Rating(I): _____

Fish#: SHT YY: 0 0 0 0 Shocker Effectiveness: _____
1+/2+: _____ 23, 32, 20
COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Date Oct 2, 2008 Stream Shingle Mill Site 3

Sta. # 53 Habitat Categories: POOL Length: 54'
 Width: 6 Depth (M&R): $\bar{X} = 1.0 \rightarrow$ 1.5' Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) \leftarrow 1.2(<2mm) \rightarrow 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 65

Total Escape Cover: _____ as 8.5' undercut bank, 2' LWD
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

N 37.04494 W 121.79967

Fish#:	YY:	1st Pass	2nd Pass	3rd Pass	Shocker Effectiveness:
SHT		<u>11(11)</u>	<u>0</u>	<u>1(1)</u> 12.2	<u>158, 150, 116</u>
COHO	1+/2+:	<u>0</u>	<u>0</u>	<u>0</u> 0	

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	<u>S.L.</u>	
30-34	80-84	125-129	CA Newt II
35-39	85-89	130-134	CA GIANT salamander
40-44	90-94	135-139	PRICKLY sculpin
45-49	95-99	140-144	
50-54	100-104	145-149	
55-59	105-109	150-154	
60-64	110-114	155-159	
65-69	115-119	160-164	
70-74	120-124	165-169	
Other:		170-174	

Sta. # 55 Habitat Categories: POOL Length: 43'
 Width: 7 Depth (M&R): $\bar{X} = 0.9 \rightarrow$ 1.2 Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) \leftarrow 1.2(<2mm) \rightarrow 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: _____

Total Escape Cover: 7.5' as undercut bank
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#:	YY:	1st Pass	2nd Pass	3rd Pass	Shocker Effectiveness:
SHT		<u>11(11)</u>	<u>3(3)</u>	<u>2(2)</u> 16.5	<u>125, 121, 131</u>
COHO	1+/2+:	<u>1(1)</u>	<u>0</u>	<u>0</u> 1	

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	<u>S.L.</u>	
30-34	80-84	125-129	
35-39	85-89	130-134	CA Giant Salamander
40-44	90-94	135-139	CA Newt
45-49	95-99	140-144	
50-54	100-104	145-149	
55-59	105-109	150-154	
60-64	110-114	155-159	
65-69	115-119	160-164	
70-74	120-124	165-169	
Other:		170-174	

Date Oct 2, 2008 Stream Shingle Hill Site 3

Sta.# 63 Habitat Categories: Run Length: 17'
Width: 3 Depth (M&R): X=0.2 → 0.3 Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) 1.2(<2mm) 2(2-5mm) ___ (5-25mm) ___
3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 55

Total Escape Cover: 0 as _____
Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
Algae (%cover, thickness, dist.): _____
Aquatic Vegetation (types, %cover, dist.): _____
Food Rating(I): _____

Fish#: _____
SHT YY: 1(1) 0 0 1 Shocker Effectiveness: _____
1+/2+: 0 0 0 0 82, 71, 104
COHO : _____

SHT(I) & Coho(*) Sizes (mm) Type of Length Measurement: S.L.
25-29 0 0 75-79 125-129 Other Species: _____
30-34 80-84 130-134 _____
35-39 85-89 135-139 _____
40-44 90-94 140-144 _____
45-49 95-99 145-149 _____
50-54 100-104 150-154 _____
55-59 105-109 155-159 _____
60-64 110-114 160-164 _____
65-69 115-119 165-169 _____
70-74 120-124 170-174 _____
Other: _____

Sta.# _____ Habitat Categories: _____ Length: _____
Width: _____ Depth (M&R): _____ Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) ___ 1.2(<2mm) ___ 2(2-5mm) ___ (5-25mm) ___
3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: _____

Total Escape Cover: _____ as _____
Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
Algae (%cover, thickness, dist.): _____
Aquatic Vegetation (types, %cover, dist.): _____
Food Rating(I): _____

Fish#: _____
SHT YY: _____ Shocker Effectiveness: _____
1+/2+: _____
COHO : _____

SHT(I) & Coho(*) Sizes (mm) Type of Length Measurement: _____
25-29 75-79 125-129 Other Species: _____
30-34 80-84 130-134 _____
35-39 85-89 135-139 _____
40-44 90-94 140-144 _____
45-49 95-99 145-149 _____
50-54 100-104 150-154 _____
55-59 105-109 155-159 _____
60-64 110-114 160-164 _____
65-69 115-119 165-169 _____
70-74 120-124 170-174 _____
Other: _____

Electrofishing Data Sheet

Project No. 200-06 Site No. 3
 Stream Name Shingle Mill Date Oct 2, 2008

Pass No.	Species	Length (mm)			Length Weight (gm)		Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)			Length Weight (gm)		Scales	Stomach	Mort	Sex (m/f)		
		SL	FL	TL	FL	mm							SL	FL	TL	FL	mm						
#51 pool	STH	72			80						1	STH	29			32					#55 Pool Cont		
		63			69								35			39							
		65			72								55			61							
		47			53								2	STH	45			51					
		46			51					38							43						
#52 pool	2	STH		0									31			34							
	3	STH	44		49								35			39							
	1	STH		0						3	STH	27			31								
	2	STH		0									36			40				#63 RUN			
	3	STH		0						1	STH	43			48								
#53 pool	1	STH	47		52					2	STH		0										
			63		69					3	STH		0										
			61		67																		
			58		64																		
			70		77																		
			67		74																		
			62		68																		
			44		49																		
			50		56																		
			73		80																		
			50		56																		
	2	STH		0																			
	3	STH	56		62																		
F 55 pool	1	STH	83		92																		
			63		70																		
			57		63																		
			54		61																		
			48		54																		
			38		43																		
			49		55																		
			55		62																		
			50		57																		

Date Oct 2, 2008 Stream Browns Valley Site 1

57° F @ 1205

Sta. # 1 Habitat Categories: Pool Length: 65'
 Width: 13 Depth (M&R): $\bar{X} = 0.9 \rightarrow 1.6$ Tail Crest Depth: _____
 Substrate: 1(Org.) ___ 1.1(silt) 1.2(<2mm) ³⁰ 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 55
 Total Escape Cover: 10' as 9' boulders, 1' LWD
 Total Overhead Cover: _____ as _____
 % Canopy Closure: 62 as _____ %Deciduous 50
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: _____
 SHT YY: 13(13) 2(3) 5(5) 24.8 Shocker Effectiveness: _____
 1+/2+: 8(8) 4(4) 0(0) 13.3 234, 238, 205
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	Prickly Sculpin IIII
35-39	85-89	135-139	CR Sculpin III
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Note: Done condition factor for yearlings

Sta. # 2 Habitat Categories: Run Length: 13'
 Width: 7 Depth (M&R): $\bar{X} = 0.5 \rightarrow 0.7$ Tail Crest Depth: _____
 Substrate: 1(Org.) ___ 1.1(silt) 1.2(<2mm) ⁵ 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 30
 Total Escape Cover: 1.5' as boulders
 Total Overhead Cover: _____ as _____
 % Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#: _____
 SHT YY: 1(1) 0 1(1) 2 Shocker Effectiveness: _____
 1+/2+: 0 0 0 0 51, 47, 45
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	
35-39	85-89	135-139	P. Sculpin
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Date Oct 2, 2008 Stream Browns valley Site 1

Sta.# 3 Habitat Categories: pool Length: 56'
 Width: 10 Depth (M&R): X=1.2 → 1.7' Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) ← 25 → 1.2(<2mm) ___ 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 50

Total Escape Cover: 7.5' as boulders
 Total Overhead Cover: _____ as _____

% Canopy Closure: 72 as _____ %Deciduous 40
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#:	1st Pass	2nd Pass	3rd Pass	Shocker Effectiveness:
SHT YY:	<u>7(9)</u>	<u>4(4)</u>	<u>1(1)</u>	<u>15.1</u>
1+/2+:	<u>3(3)</u>	<u>2(2)</u>	<u>1(1)</u>	<u>7.8</u>
COHO :				<u>180, 184, 167</u>

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	<u>Sculpin 1</u>
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Sta.# 4 Habitat Categories: run/lee Length: 58'
 Width: 10 Depth (M&R): X=0.25 → 0.7 Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) ← 15 → 1.2(<2mm) ___ 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 30

Total Escape Cover: 1' as boulders
 Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
 Algae (%cover, thickness, dist.): _____
 Aquatic Vegetation (types, %cover, dist.): _____
 Food Rating(I): _____

Fish#:	1st Pass	2nd Pass	3rd Pass	Shocker Effectiveness:
SHT YY:	<u>6(6)</u>	<u>0</u>	<u>0</u>	<u>6</u>
1+/2+:	<u>1(1)</u>	<u>0</u>	<u>0</u>	<u>1</u>
COHO :				<u>232, 197, 187</u>

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	<u>prickly sculpin 1</u>
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

N 37.01487
 W 121.79249

Electrofishing Data Sheet

Project No. 200-06 Site No. 1
 Stream Name Browns valley Date Oct 2, 2008

Pass No.	Species	Length (mm)			Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)	Pass No. cont	Species	Length (mm)			Weight (gm) F.L.	Scales	Stomach	Mort	Sex (m/f)
		SL	FL	TL								SL	FL	TL					
1	STH	1	62	1	75					3	STH		52		57				
			81		90					1	STH		59		66				
			71		77					2	STH		0						
			84		93					3	STH		52		57				✓
			57		62					1	STH	1	41	1	55				
			94		104								84		95				#3 POOL
			90		100								86		96				
			75		83								60		66				
			81		90								54		61				
			75		84								39		43				
			50		56								50		56				
			58		64								51		57				
			43		48								40		45				
			45		51								47		53				
			51		56								38		43				
			52		58								38		43				
			50		56					2	STH	1	58	1	77				
			54		59								155	1	79				
			44		49								55		61				
			59		65								51		56				
			55		61								49		55				
2	STH	1	37	1	51								53		59				
			97		108								52		58				
			73		81					3	STH		88		96				
			82		91								53		59				
			42		47					1	STH		83		92				
			83		92								46		51				#4 RIFLE
			44		49								54		60				
3	STH		67		73								47		52				
			67		73								48		54				
			43		47								42		46				
			65		73								49		55				

a.c. D.A.

Electrofishing Data Sheet

Project No. 200-06 Site No. 1
 Stream Name Browns valley Date Oct 2, 2008

Pass No.	Species	Length (mm)		Weight (gm)		Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)		Weight (gm)		Scales	Stomach	Mort	Sex (m/f)	
		SL	FL TL	F.L.	F.L.							SL	FL TL	F.L.	F.L.					
1	STH	54		60																
2	STH	57		63																
3	STH																			

a.c. D.A.

Date Oct 2, 2008 Stream Browns Valley Site 2

Sta.# 30 Habitat Categories: Riffle Length: 28'
Width: 13 Depth (M&R): X=0.2 → 0.6 Tail Crest Depth: _____

60°F @ 1510

Substrate: 1(Org.) ___ 1.1(silt) ___ 1.2(<2mm) ___ 2(2-5mm) ___ (5-25mm) ___
3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: _____

Total Escape Cover: _____ as _____
Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
Algae (%cover, thickness, dist.): _____
Aquatic Vegetation (types, %cover, dist.): _____
Food Rating(I): _____

Fish#: SHT YY: 9(9) 3(3) 1(1) 13.5 Shocker Effectiveness: _____
1+/2+: 0 0 0 0 141, 148, 95
COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	
35-39	85-89	135-139	CR Sculpin 1 0 0
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	

Sta.# 31 Habitat Categories: RVN Length: 23'
Width: 12 Depth (M&R): X=0.35 → 0.5 Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) ___ 1.2(<2mm) ¹⁵ ___ 2(2-5mm) ___ (5-25mm) ___
3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 50

Total Escape Cover: 0 as _____
Total Overhead Cover: _____ as _____

% Canopy Closure: _____ as _____ %Deciduous _____
Algae (%cover, thickness, dist.): _____
Aquatic Vegetation (types, %cover, dist.): _____
Food Rating(I): _____

Fish#: SHT YY: 6(6) 3(3) 1(1) 11.1 Shocker Effectiveness: _____
1+/2+: 1(1) 0 0 1 128, 92, 93
COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	

Date Oct 2, 2008 Stream Browns Valley Site 2

Sta. # 32 Habitat Categories: pool Length: 68'
 Width: 11 Depth (M&R): X = 1.0 → 1.9 Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) 1.2(<2mm) 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 55

Total Escape Cover: 9' as 2' undercut bank, 2' SWD, 5' boulder
 Total Overhead Cover: _____ as _____

% Canopy Closure: 72 as _____ %Deciduous 15

Algae (%cover, thickness, dist.): _____

Aquatic Vegetation (types, %cover, dist.): _____

Food Rating(I): _____

N 37.02307 W 121.78372

Fish#: _____
 SHT YY: 4(4) 3(3) 3(3) 10 est. Shocker Effectiveness: _____
 1+/2+: 6(6) 3(3) 1(1) 10 220, 273, 300
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	<u>prickly sculpin</u>
35-39	85-89	135-139	
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:		<u>218</u>	

Sta. # 37 Habitat Categories: pool Length: 38'
 Width: 10 Depth (M&R): X = 0.9 → 1.6 Tail Crest Depth: _____

Substrate: 1(Org.) ___ 1.1(silt) 1.2(<2mm) 2(2-5mm) ___ (5-25mm) ___
 3(25-50mm) ___ 4(50-75mm) ___ 5(75-150mm) ___ 6(150-225mm) ___ 7(225-300) ___
 8(300-600mm) ___ 9(>600mm) ___ 9.1(Bedrock) ___ %Embeddedness 6+: 55

Total Escape Cover: 2.5 as boulders
 Total Overhead Cover: _____ as _____

% Canopy Closure: 66 as _____ %Deciduous 20

Algae (%cover, thickness, dist.): _____

Aquatic Vegetation (types, %cover, dist.): _____

Food Rating(I): _____

Fish#: _____
 SHT YY: 13(13) 2(2) 1(1) 16.0 Shocker Effectiveness: _____
 1+/2+: 4(4) 3(3) 0 8.8 163, 191, 210
 COHO : _____

SHT(I) & Coho(*)	Sizes (mm)	Type of Length Measurement:	Other Species:
25-29	75-79	125-129	
30-34	80-84	130-134	<u>CR sculpin</u> 1
35-39	85-89	135-139	<u>prickly</u> 1
40-44	90-94	140-144	
45-49	95-99	145-149	
50-54	100-104	150-154	<u>(missed)</u>
55-59	105-109	155-159	
60-64	110-114	160-164	
65-69	115-119	165-169	
70-74	120-124	170-174	
Other:			

Electrofishing Data Sheet

Project No. 200-06 Site No. 2
 Stream Name Browning Valley Date Oct 2, 2008

Pass No.	Species	Length (mm)		Length Weight (gm)		Scales	Stomach	Mort	Sex (m/f)	Pass No. cont	Species	Length (mm)		Weight (gm) F.L.		Scales	Stomach	Mort	Sex (m/f)			
		SL	FL TL	FL	mm							SL	FL TL	FL	F.L.							
#30 RHe 1	STH	51	57							1	STH	78	87									
		61	68									51	57									
		61	68									2	STH	91	99							
		40	45						92					102								
		66	73						81					90								
		47	53						53					59								
		42	47						49					55								
		49	55						58					64								
39	45						82	93		3	STH	52	57									
50	56						54	60														
56	62						56	62														
46	52						50	missed														
#31 RVH 3	STH	39	44							1	STH	96	106									
		49	54						94			104										
		56	61						44			49										
		54	60						50			56										
		82	90						46			51										
		65	72						60			66										
		32	35						38			42										
		64	71						44			49										
		58	64						46			52										
		48	54						75			83										
45	51						54	60														
2	STH	58	64						54	60												
		48	54						44	49												
3	STH	45	50						46	52												
		45	50						75	83												
1	STH	218	241						54	60												
		114	126						48	53												
		125	137						66	73												
		88	108						52	57												
		46	53						52	57												
		48	54						39	43												
		80	90						55	61												
		66	74						95	104												
2	STH	88	97						88	97												
		88	97						88	97												

#40 Pool

Electrofishing Data Sheet

Page 2 of 2

Project No. 200-06 Site No. 2
Stream Name Browns Valley Date Oct 2, 2008

Pass No.	Species	Length (mm)			Length	Scales	Stomach	Mort	Sex (m/f)	Pass No.	Species	Length (mm)			Weight (gm)	Scales	Stomach	Mort	Sex (m/f)	
		SL	FL	TL	Weight (gm)							SL	FL	TL						
2	STH	53	92	102	59															
3	STH	46			52															

a.c. D.A.