

State of California

The Resources Agency

Memorandum

To : Files Date : March 12, 1996

From : Department of Fish and Game
-Bob Coey, Associate Fisheries Biologist
Russian River Basin Planning

Subject:
Green Valley Creek, Sonoma County

A Biological inventory was taken on 11/18/94 on Green Valley Creek below the confluence of Green Valley and Purrington Creek starting with an unknown tributary. Single pass electrofishing was the method used.

AIR TEMP: 55
WATER TEMP: 48
TIME: 10:00 A.M.
OBSERVERS: Coey, Fort, Gilles, Higgins

Observations began at habitat unit #440 of Green Valley Creek. Sculpin were observed (17) along with 0+ Steelhead (16) . 1+ and 2+ Steelhead were also observed (7 and 1) as well as one Tule perch. Below the dam on the Gianni property 6 Fresh Water Shrimp were observed as well as Sculpin, six 0+ Steelhead, four 1+ Steelhead and stickleback.

Above the dam three 0+ Steelhead, two 1+ Steelhead, Sculpin and Sticklebacks were observed. On Harrison Creek below the culvert at Green Valley Road, 6 fresh water shrimp, three 1+ Steelhead, Sculpin one 2+ Steelhead and one Stickleback were observed. Above the culvert on Harrison Creek, no fish were observed although the habitat is suitable. The largest pool, beneath the culvert at Harrison Grade Road, was too deep to electrofish adequately. An earlier foot survey upstream revealed little flow (spring fed) , and no fish were observed visually.

On the East fork of Green Valley, above the confluence with Harrison Creek, Stickleback, six- 0+ steelhead, four-1+ steelhead and sculpin were observed.

A Biological inventory was taken on 11/18/94 on Purrington Creek from the mouth to the headwaters. Single pass electrofishing was the method used.

AIR TEMP:

WATER TEMP:

TIME: 0945

OBSERVERS: Coey, Fort, Gilles, Higgins

The observations began at habitat unit #1 of Purrington Creek. Between habitat unit #1 and #20, Sculpin, sixteen 0+ Steelhead, and two 1+ Steelhead were observed. Above the dam site on the Dutton property, between habitat unit #073 and #094, twelve 0+ Steelhead, one 1+ Steelhead, four 0+ Coho, Sculpin and Stickleback were observed. Also noted was that the summer dam on the Dutton property had been removed.

A biological inventory was taken on Sturgeon Creek on 11/21/94. The inventory covered 100' below Green Hill road culvert and 100' above the culvert. Single pass electrofishing was the method used.

AIR TEMP:

WATER TEMP: 47

TIME: 1315

OBSERVERS: Coey, Fort, Higgins

Below the culvert, Sculpin and one 1+ Steelhead and Crayfish were observed. Above the culvert Sculpin and two 1+ Steelhead were observed.

ELECTROFISHING FIELD FORM

Form No. 1 of 3

Data 06 / 13 / 95 Stream Name HARRISON CREEK

Drainage RUSSIAN RIVER T : _____ R : _____ Sec : _____

Lat: _____ Long : _____ Quad : _____

Observer COEY COX FORT Time 1200 Air Temp (°) 72° Water Temp. (°) 56°

Reach No. _____ Habitat Units _____ / _____ / _____ Habitat Types _____ / _____ / _____

Reference Point (RP) G.V. RD. UPSTREAM Distance from RP 0'

Site No. _____ Length of Site (feet) _____ Stream Width _____

Site Surface Area _____ Volume _____ Flow _____

Pass No. _____		Total Effort (seconds) _____											
Species	Fork Length (mm)												
HAB TYP	LGR	POL	LGR	MC POL	LS POL	GLD	POL	LS POL	GLD	MC POL	LS POL	GLD	TOT
0 + SH													
										3			3
CONT HABTYP	POOL	GLD	LS POL	PLNC POL									
0 + SH				1(?)			1						1

Summary :

Species _____ Catch _____ Wt. _____, Species _____ Catch _____ Wt. _____
 Species _____ Catch _____ Wt. _____, Species _____ Catch _____ Wt. _____

Comments DUMP SITE AT 'BUD'S FLAT'

ELECTROFISHING FIELD FORM

Form No. 2 of 3

Data 06 / 13 / 95 Stream Name Idawson [sic]

Drainage _____ T : _____ R : _____ Sec : _____

Lat: _____ Long : _____ Quad : _____

Observer COEY COX FORT Time 1300 Air Temp (°) 74° Water Temp. (°) 55°

Reach No. _____ Habitat Units _____ / _____ / _____ Habitat Types _____ / _____ / _____

Reference Point (RP) ABOVE HARR. GRD. CULVT. Distance from RP _____

Site No. _____ Length of Site (feet) _____ Stream Width _____

Site Surface Area _____ Volume _____ Flow 551

Species		Fork Length (mm)											
HAB TYP	LS POL	LS POL	GLD	LS POL	LS POL								

Summary :

Species _____ Catch _____ Wt. _____ , Species _____ Catch _____ Wt. _____
 Species _____ Catch _____ Wt. _____ , Species _____ Catch _____ Wt. _____

Comments CULVERT DRY -- NO FLOW
ABOVE CULVERT IS ALSO DRY FOR 100 YRDS. THEN TURNING
INTERMITTENT POOLS 55°

END - BUD'S FLAT

ELECTROFISHING FIELD FORM

Form No. 3 of 3

Data 6 / 13 / 95 Stream Name HARRISON

Drainage _____ T : _____ R : _____ Sec : _____

Lat: _____ Long : _____ Quad : _____

Observer COEY COX FORT Time 1350 Air Temp (°) 73° Water Temp. (°) 55°

Reach No. _____ Habitat Units _____ / _____ / _____ Habitat Types _____ / _____ / _____

Reference Point (RP) CULVERT at GRNVLY RD DOWNSTREAM Distance from RP 0'

Site No. _____ Length of Site (feet) _____ Stream Width _____

Site Surface Area _____ Volume _____ Flow 0.05

Pass No. _____		Total Effort (seconds) _____											
Species	Fork Length (mm)												
HAB TYP	RFL	GLD	GLD	RFL	POL	GLD	RUN	CS POL	POL	GLD	RUN	GLD	TOT
	2	5	5	2	5	3	7		2	4	4	9	48
SCULPIN		1	2		4	1		6		4		5	23
1 + SH			1		3								4
STICKBK					1					2			3
CONT HAB TYP	RFL	POOL	RUN	GLD	MC POL	GLD	POL	GLD	MC POL	POL			
0 + SH	1	3		8	4	10		8	12	4			50
SCULPIN			3		2	1	2			2			10
2 + SH					3								3

Summary :

Species _____ Catch _____ Wt. _____, Species _____ Catch _____ Wt. _____
 Species _____ Catch _____ Wt. _____, Species _____ Catch _____ Wt. _____

Comments _____

ELECTROFISHING FIELD FORM

Form No. 2 of 2

Data 6 / 13 / 95 Stream Name Green Valley

Drainage RR T: _____ R: _____ Sec: _____

Lat: _____ Long: _____ Quad: _____

Observer Coey Cox Fort Time 1450 Air Temp (°) 73° Water Temp. (°) 64°

Reach No. _____ Habitat Units _____ / _____ / _____ Habitat Types _____ / _____ / _____

Reference Point (RP) Confluence w/ Harrison UPSTREAM Distance from RP 0'

Site No. _____ Length of Site (feet) _____ Stream Width _____

Site Surface Area _____ Volume _____ Flow _____

Pass No. _____		Total Effort (seconds) _____										
Species	Fork Length (mm)											
HAB TYP	CONF POL	POL	STPOL	MC POL								
0 + SH	3	4										
STCKBK	3	1	1									
SCULPIN	7	1	1									
2 + SH	1	1										

TOT
7
3
9
2

Summary :
 Species _____ Catch _____ Wt. _____, Species _____ Catch _____ Wt. _____
 Species _____ Catch _____ Wt. _____, Species _____ Catch _____ Wt. _____

Comments SURVEY ENDED @ GIANNI'S 3RD BRIDE / 2ND SUMMER
FLASH DAM

ELECTROFISHING FIELD FORM

Form No. 2 of 2

Data 6 / 13 / 95 Stream Name Green Valley

Drainage _____ T : _____ R : _____ Sec : _____

Lat: _____ Long : _____ Quad : _____

Observer Coey Cox Fort Time 1530 Air Temp (°) 68° Water Temp. (°) 62°

Reach No. _____ Habitat Units _____ / _____ / _____ Habitat Types _____ / _____ / _____

Reference Point (RP) GRN VLY RD CROSSING UPSTREAM THRU GIANNI'S Distance from RP 0'

Site No. _____ Length of Site (feet) _____ Stream Width _____

Site Surface Area _____ Volume _____ Flow _____

Pass No. _____		Total Effort (seconds) <u>1409</u>											
Species	Fork Length (mm)												
HAB TYPE	POL	GLD	RUN	RTL	POOL	RUN	CAS	DAM POL	RUN	POI	III	GR	TOT
0 - 1 SH	3		5		2	6		8	2	2	1		29
1 +	1							1					2
2 +					1								1
SCULPIN	6		2	1	1	2		2	2	1			15[SIC]
STKLBK	5				1	1		2					9
FWSHRP					13			20		7			40
COHO					2								2
SUNFISH								1					1

Summary :

Species _____ Catch _____ Wt. _____, Species _____ Catch _____ Wt. _____
 Species _____ Catch _____ Wt. _____, Species _____ Catch _____ Wt. _____

Comments 551 READING, PREVIOUS END AT UNIT # 722

COX - SHOCKED