

STREAM SURVEY

PCWA-L-191

FROM THE REPORT  
(MIDDLE)

FOREST <b>ELDORADO</b>		DISTRICT <b>GEORGETOWN</b>	
1. NAME OF STREAM <b>Rubicon River</b>		2. RIVER SYSTEM <b>American</b>	
3. TRIBUTARY TO <b>Middle Fork American</b>		4. TOTAL LENGTH	
5. STREAM SECTION FROM: <b>T12N,R12E border of Sec. 1 &amp; 6</b> TO: <b>1/4 mi. below Big Grizzly Canyon</b>			
6. LOCATION OF MOUTH OR LOWERMOST POINT TOWNSHIP <b>T13N</b> RANGE <b>R11E</b> SECTION <b>3</b>			
7. DESCRIPTION OF STREAM: (USE PAGE 4 OR SEPARATE SHEET TO RECORD NOTES MADE DURING SURVEY).			

SECTION DATA

8. LOCATION	LOWER			MIDDLE			UPPER		
	TWP	RG	SEC	TWP	RG	SEC	TWP	RG	SEC
9. ALTITUDE RANGE	2120 FT. TO 2480 FT.			FT. TO FT.			FT. TO FT.		
10. WIDTH OF STREAM	RANGE 10-30 FT. AVE 20 FT			RANGE FT. AVE FT			RANGE FT. AVE FT		
11. DEPTH	RANGE 1-15 FT. AVE 3-5 FT			RANGE FT. AVE FT			RANGE FT. AVE FT		
12. FLOW	est. 20 c.f.s.			c.f.s.			c.f.s.		
13. VELOCITY	sluggish to cascade								
14. AIR TEMPERATURE	°F			°F			°F		
15. WATER TEMPERATURE	over 62 °F			°F			°F		
16. HOUR AND SKY	HOUR SKY clear			HOUR SKY			HOUR SKY		
17. POOLS-ABUNDANCE	abundant								
a. Size (diameter)	RANGE 10-30 FT. AVE 20 FT			RANGE FT. AVE FT			RANGE FT. AVE FT		
b. Formed by	bedrock								
c. Shelter	good								
18. RIFFLES-ABUNDANCE	abundant								
19. BOTTOM TYPE	Bedrock Boulders Rocks Rubble Gravel Sand Silt Mud			Bedrock Boulders Rocks Rubble Gravel Sand Silt Mud			Bedrock Boulders Rocks Rubble Gravel Sand Silt Mud		
a. Pools	30	20	15	10	10	-	-	-	-
b. Riffles	10	10	20	30	20	10	-	-	-
20. SHADE CANOPY	moderate								
a. Species	willow, alder								
21. AQUATIC VEGETATION	uncommon								
a. Species	bro. algae, moss								
22. AQUATIC FOOD ORGANISMS									
a. Caddisflies	common								
b. Mayflies	common								
c. Stoneflies	common								
d. Diptera	common (simuldoe in rapids)								
e. Beetles	NS								
f. Other Insects	common (water striders)								
g. Crustacea	NS								
h. Others	frogs - few								
23. OVERALL AQUATIC FOODS									
24. FISHES PRESENT									
a. All Species Combined	abundant								
b. Species 1	Sacto. suckers								
(1) Abundance	abundant								
(2) Ave. No. per 100 ft.	- 50								
(3) Length Range	1 - 20		INCHES			INCHES			INCHES
(4) Ave. Length	8		INCHES			INCHES			INCHES

Rainbow Trout  
abundant LOWER

MIDDLE

UPPER

		LOWER	MIDDLE	UPPER
c. Species 2	(1) Abundance	abundant		
	(2) Ave. No. per 100 ft.	30		
	(3) Length range	1 - 20"		
	(4) Ave. length	10"		
d. Species 3		speckled dace ?		
	(1) Abundance	abundant		
	(2) Ave. No. per 100 ft.	50-100		
	(3) Length range	1/2 - 3"		
	(4) Ave. length	1"		
e. Species 4		brown trout		
	(1) Abundance	few		
	(2) Ave. No. per 100 ft.	?		
	(3) Length range	1 seen - 20"		
	(4) Ave. length			
25. REPRODUCTION				
a. Species 1		good		
b. Species 2		fair		
c. Species 3		good		
d. Species 4		poor		
26. FISH PREDATORS		Great Blue Heron, Mergansers, Kingfishers throughout section (probably 4 or 5)		
a. Birds		NS in water		
b. Snakes				
27. CHARACTER OF WATERSHED		canyon, mountainous		
28. WATERSHED SOIL STABILITY		mod. unstable		
29. STREAM CHANNEL STABILITY		stable-unstable		
30. STREAM FLOW CONDITION		good		
31. STREAM GRADIENT		slight		
32. BARRIERS		occasional barriers 1 every 1/2 mile mostly bedrock or boulder falls		
33. DIVERSIONS		NS		
34. SPRINGS		NS		
35. TRIBUTARIES		Pigeon Roost Little Grizzly Big Grizzly		
36. WATER QUALITY				
a. Turbidity		low		
b. Nature of Turbidity				
c. Other Pollution				
37. ACCESSIBILITY		poor		
a. Car or Trail		poor - neither car/trail		
38. FISHING USE		low		
a. Est. Fisherman days		200	Per Year	Per Year
b. Est. ave. hours fished per day		5		

WATERSHED CLASSIFICATION I

SUMMARY-ENTIRE STREAM

39. STREAM CLASSIFICATION:	LOWER I	MIDDLE	UPPER
REMARKS:			
40. STREAM CHARACTERISTICS AND REMARKS River is in a deep gorge, approx. 2000-2500' deep. Section surveyed is rarely used, few fingerlings were seen.			
41. FISH STOCKING PROGRAM This area should be preserved in a primitive state. The canyon walls should be left undisturbed by trails or roads. The area should not be publicized or improved from easy access. It offers a rare opportunity for beauty and solitude for those willing to venture into the area. The effects of the suckers and dace on the trout populations should be studied.			
42. MANAGEMENT RECOMMENDATIONS:			
42. DATE OF SURVEY		43. SURVEY MADE BY	
Sep. 1-3, 1976		L. Hansen, K. Gould	

STREAM MANAGEMENT ANALYSIS-(May be filled out at Office)			
1. TYPE OF FISHERY cold		2. PRIMARY SPECIES RT	
3. OVERALL PRESENT FISHERY RATING good - excellant	a. Size of Stream large	b. Fishing Use low	
c. Other Uses rafting, hiking	d. Productivity fair - good	e. Habitat Condition good	
4. IMPROVEMENT POTENTIAL poor			
5. FISH MANAGEMENT RECOMMENDATIONS:			
a. Chemical Rehabilitation		NR	
b. Fishery Regulation		NR	
c. Regulation of Other Activities		NR	
d. Introduction of Exotic Fish Species		NR	
e. Maintenance Stocking of Established Fish Species		NR	
f. Others			
6. HABITAT MANAGEMENT:			
a. Watershed Management		maintain and protect	
b. Stream Protection Belt Management		maintain and protect	
c. Water Quality Management		avoid unseasonal high releases from dam	
d. Physical Corrective Measures		NR	
e. Others			
7. PUBLIC ACCESS AND LAND AQUISITION		acquire private land to protect area from development	
8. PUBLIC USE FACILITIES			