

Mr. Michael Bird  
Inland Fisheries Division

April 28, 1997

California Environmental Quality Act (CEQA)  
Review for 1996/97 Fishery Restoration Grants

We have reviewed both the Center for Education and Manpower Resources' and Bioengineering Associates' proposals (Numbers 48 and 84) which affect Lazy and Streeter Creeks in Mendocino County. We believe that these projects should qualify for a categorical exemption under CEQA for this year.

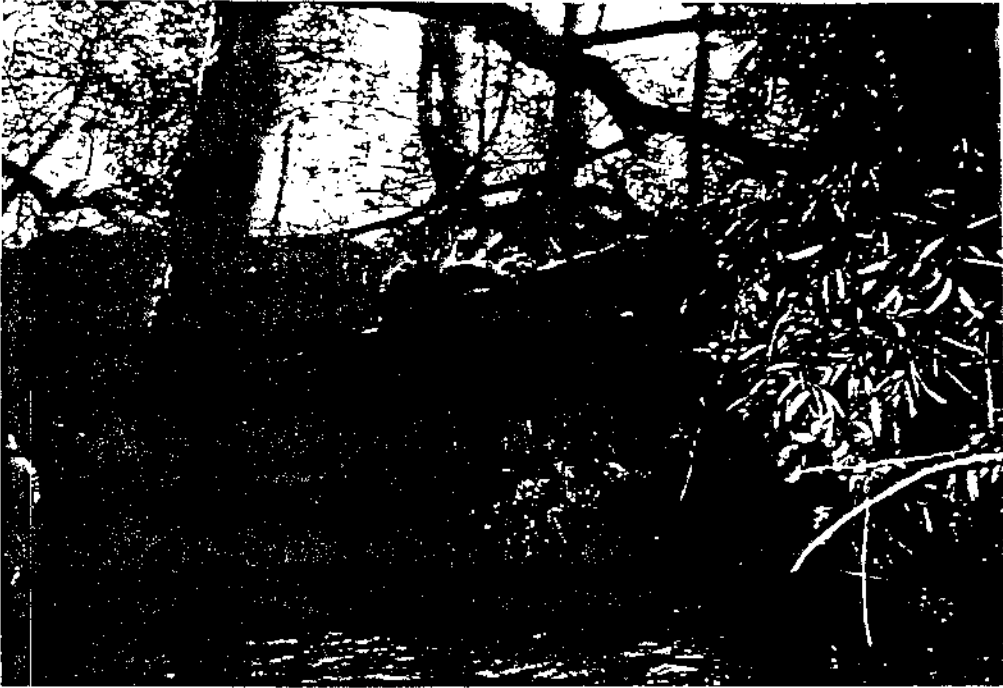
If you have any questions, please contact Mr. Ken Aasen, Senior Fishery Biologist, at 8-547-5532.

Brian Hunter Regional  
Manager Region 3

bc: Aasen, Jones, Snyder, Macedo (R.3)

RAM/ram/pm

LAZY CREEK JUMP POOL/BAFFLE CONSTRUCTION

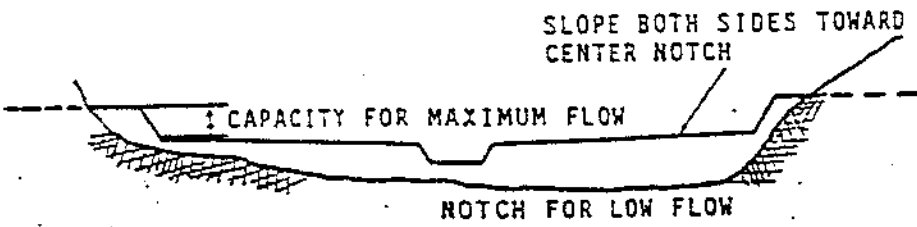
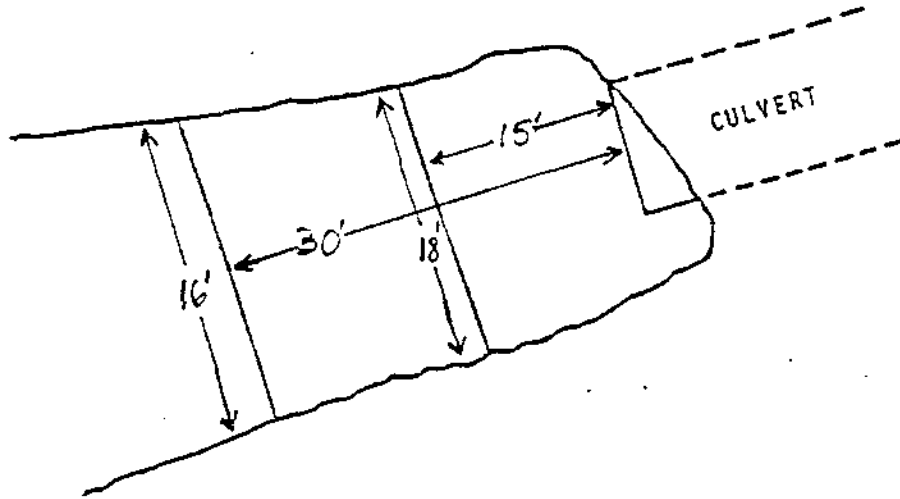


SITE #3



SITE #4

# LAZY CREEK JUMP POOL & BAFFLE



CALIFORNIA,

## DISCRIMINATION COMPLIANCE STATEMENT

V.3-95] FMC

NAME

The Center for Employment and Manpower Resources

The company named above (hereinafter referred to as "prospective contractor") hereby certifies, unless specifically exempted, compliance with Government Code Section 12990 (a-f) and California Code of regulations, Title 2, Division 4, Chapter 5 in matters relating to reporting requirements and the development, implementation and maintenance of a Nondiscrimination Program. Prospective contractor agrees not to unlawfully discriminate, harass or allow harassment against any employee or applicant for employment because of sex, race, color, ancestry, religious creed, national origin, disability (including: HIV and AIDS), medical condition (cancer), age, marital status, denial of family and medical care leave and denial of pregnancy disability leave.

### CERTIFICATION

*I, the official named below, hereby swear that I am duly authorized to legally bind the prospective contractor to the above described certification. I am fully aware that this certification, executed on the date and in the county below, is made under penalty of perjury under the laws of the State of California.*

OFFICIAL'S NAME

Bruce Alfano

DATE EXECUTED

April 2, 1996

EXECUTED IN THE COUNTY OF

Mendocino

PROSPECTIVE CONTRACTOR'S SIGNATURE

PROSPECTIVE CONTRACTOR'S TITLE

Executive Director, C.E.M.R.

PROSPECTIVE CONTRACTOR'S LEGAL BUSINESS NAME

April 21, 1997

TO : Mr. Michael Bird  
Inland Fisheries Division

FROM : Department of Fish and Game

SUBJECT: California Environmental Quality Act (CEQA) Review for 1996/97 Fishery  
Restoration Grants

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If you have any questions, please contact Mr. Ken Aasen,  
Senior Fishery Biologist, CALNET 547-5532.

Brian Hunter  
Regional Manager  
Region 3

cc: K. Aasen, W. Jones, B. Snyder, R. Macedo (R.3)

RAM/ram

CALIFORNIA  
DRUG-FREE WORKPLACE CERTIFICATION  
(NEW 11-90)

NY/ORGANIZATION NAME

Center for Education and Manpower RESOURCES Inc.

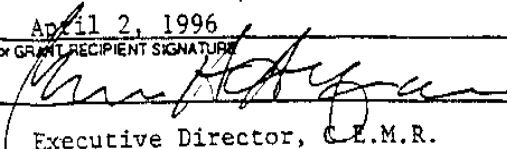
The contractor or grant recipient named above hereby certifies compliance with Government Code Section 8355 in matters relating to providing a drug-free workplace. The above named contractor or grant recipient will:

1. Publish a statement notifying employees that unlawful manufacture, distribution, dispensation, possession, or use of a controlled substance is prohibited and specifying actions to be taken against employees for violations, as required by Government Code Section 8355(a).
2. Establish a Drug-Free Awareness Program as required by Government Code Section 8355(b), to inform employees about all of the following:
  - (a) The dangers of drug abuse in the workplace,
  - (b) The person's or organization's policy of maintaining a drug-free workplace,
  - (c) Any available counseling, rehabilitation and employee assistance programs, and
  - (d) Penalties that may be imposed upon employees for drug abuse violations.
3. Provide as required by Government Code Section 8355(c), that every employee who works on the proposed contract or grant:
  - (a) Will receive a copy of the company's drug-free policy statement, and
  - (b) Will agree to abide by the terms of the company's statement as a condition of employment on the contract or grant.

---

CERTIFICATION

I, the official named below, hereby swear that I am duly authorized legally to bind the contractor or grant recipient to the above described certification. I am fully aware that this certification, executed on the date and in the county below, is made under penalty of perjury under the laws of the State of California.

OFFICIAL'S NAME Bruce Alfano	
EXECUTED April 2, 1996	EXECUTED IN THE COUNTY OF Mendocino
CONTRACTOR or GRANT RECIPIENT SIGNATURE  Executive Director, C.E.M.R.	
FEDERAL I.D. NUMBER 94-22-32933	

**MENDOCINO FISHERIES PROGRAM  
SUMMARY SHEET**

RECEIVED  
APR 5 1996

1. **Contractor:** Center For Education And Manpower Resources
2. **Type of Contractor:** Nonprofit Organization
3. **Street Address:** Post Office Drawer F
4. **City:** Ukiah
5. **State:** California
6. **Zip Code:** 95482
7. **Contact Person:** Richard Jordan, Program Director
8. **Telephone Number:** (707) 468-0194
9. **Project Title:** Lazy Creek Jump Pool/Baffle Construction
10. **Funding Request:** \$35,100
11. **Objective:** Construction of back flooding weirs and separator baffle to allow migration upstream through a tunnel culvert. Modification of ## barriers
12. **Species Benefited:** Coho Salmon, Steelhead
13. **Work Schedule:** 25 work days
14. **County:** Mendocino
15. **Stream:** Lazy Creek
16. **Tributary to:** Navarro River
17. **Major Drainage System:** Navarro River
18. **Assembly District:** 1
19. **Senate District:** 2
20. **Past Contractor:** Yes
21. **Federal Taxpayer I.D. #:** 94-22-32933
22. **Project Site Falls Within Coastal Zone?** No

## **Lazy Creek Jump Pool Construction Additional Information**

### **BACKGROUND**

Lazy Creek is a tributary to the Navarro River which flows directly into the Pacific Ocean. Historic runs of Coho Salmon and Steelhead are present in the Navarro. Lazy creek runs through residential and agricultural land. After leaving the river, the creek passes through well a canopied reach that eventually enters vineyard property. There, the integrity of the riparian zone is maintained. The reason no fish are present in the area currently is due to an impassable barrier 1/4 mile upstream from the confluence with the Navarro. In 1940, a tunnel culvert was constructed under state highway #128. It is 200' long X 8' high X 8' wide. Stream bed erosion and scouring has occurred underneath the tunnel apron and there now exists a 32" jump. A trash rack was built at the upstream entrance to the culvert.

### **PROPOSED LAND USE**

The project falls on two adjacent properties. The lower property is currently under residential use as a second home by the owner. He has owned the property for many years and has no plans for development that would effect the creek at this time. The upper property is a small winery/vineyard owned and managed by two generations of a local family. Very supportive of the fishery and this project, they have no plans that would negatively impact the stream corridor.

### **OBJECTIVE**

The objective of this project will be to reestablish the run of Coho Salmon in Lazy Creek that was lost due to the construction of the tunnel culvert. Construction of two back flooding weirs below the entrance will create two easily navigated jump pools. Separator baffles built inside the tunnel as proposed will ensure both low and high flow passage upstream. Removal of debris that has accumulated at the trash rack and modification of 3 barriers upstream will open an additional 1 1/2 miles of spawning and rearing habitat to coho salmon.

### **LOCATION**

The location of the work is USGS Philo Quad. T 14N, R15W, section 3. The worksite is directly underneath state highway #128 and continuing upstream for 3/4 mile.

### **PROCEDURE**

Since the construction site is directly below the road, tools and materials can be driven close to and carried into the creek. The MFP crew will construct two weirs (16'L X 12" W X 12"H & 18'L X 12" W X 24"H) using 5/8" rebar and a six sack hardened concrete for strength. Separator baffles will be installed in the culvert. Concentrating the water in half of the culvert



during low flows will ensure passage for coho while minimally impairing the culvert's ability to discharge water during higher flows. The proposed design has been proven through extensive testing, to create an effective cleaning action that minimizes baffles becoming filled with silt and washed gravel. The MFP crew will form and install the concrete structures. The concrete will be pumped into the forms from redi-mix trucks brought to the site. The local landowners have voiced their support and some have expressed interest in working during the actual pour, voluntarily.

After the concrete work is completed, the MFP crew will continue upstream. They will clear debris from the trash rack and budget allowing, modify 3 barriers to allow continued passage to the upper reaches of the creek.

## PERMITS

All necessary permits will be acquired by the contractor.

## SCHEDULING

The work will take place during periods of low flow and when access into the area is possible without damage to the stream banks. . It is estimated that the construction will require 25 work days to complete. This will take place during the 1996-1997 contract year.

**ESTIMATED BUDGET LAZY CREEK JUMP POOL / BAFFLE CONSTRUCTION**

			Amount Requested	Amount of Cost Share	Project Total
<b>PERSONNEL COSTS</b>					
Level of Staff	Number of Hours	Hourly Rate			
Project Leader	200	\$16.00	\$ 3200.00	\$ 0.00	\$ 3200.00
Laborers	1000	\$10.16	10160	0	10160.00
Payroll taxes @ 13.05%					1750.00
Staff Benefits at 24%					3200.00
<b>TOTAL PERSONNEL COSTS</b>			<b>\$ 18310.00</b>	<b>\$ 0.00</b>	<b>\$ 18310.00</b>
<b>MATERIALS AND SUPPLIES</b>					
Construction Materials & Supplies	32 yds. cement S125/yd		\$ 4000.00	\$0.00	\$ 4000.00
	2300' 5/8" rebar S.35/ft.		800.00	0	800.00
	200'2X12fir\$1.25/ft.		270.00	0	270.00
	900' 2X6 fir \$.90/ft.		870.00	0	870.00
	welded wire \$155.00/roll		155.00	0	1.55
	misc. hardware		300.00	0	300.00
Tools and instruments	masonry etc.		300.00	0	300.00
Seeds, plants and fertilizer	seed & straw		100.00	0	100.00
Safety items and clothing	eye protection, gloves etc		200.00	0	200.00
<b>TOTAL MATERIALS &amp; SUPPLIES</b>			<b>\$ 6995.00</b>	<b>\$ 0.00</b>	<b>\$ 6995.00</b>
<b>OPERATING EXPENSES</b>					
Equipment Lease/rental	generator \$200/week		\$ 800.00	0	\$ 800.00
	rotohammer \$240.00		240.00	0	240.00
	circular saw \$44/week		140.00	0	140.00
	form stakes \$35/week		115.00	0	115.00
Transportation Costs @ \$40/day			900.00	0	900.00
Fuel costs			1000.00	0	1000.00
Building /storage rental			200.00	0	200.00
Photographic supplies			200.00	0	200.00
Printing and duplicating			200.00	0	200.00
Other (list below)					
Subcontractor costs	cement pump \$200/day		400.00	0	400.00
Liability Insurance			2100.00	0	2100.00
<b>TOTAL OPERATING EXPENSES</b>			<b>\$6295.00</b>	<b>\$0.00</b>	<b>\$6295.00</b>
Administrative overhead at 10%					\$3500.00
<b>TOTAL ESTIMATED BUDGET</b>			<b>\$35,100</b>	<b>\$0.00</b>	<b>\$35,100</b>
<b>PERCENT COST SHARE</b>	<b>0%</b>				

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Brian Hunter  
Regional Manager  
Region 3

cc: K. Aasen, W. Jones, B. Snyder, R. Macedo

(R.3) RAM/ram

THE CENTER FOR EDUCATION AND MANPOWER RESOURCES  
P.O. Drawer F  
Ukiah, Ca. 95482

STREAM HABITAT RESTORATION PROJECT AGREEMENT  
Lazy Creek Restoration Project

I. PURPOSE

The following contract details the requirements of both the landowner and the Center for Employment and Manpower Resources hereinafter called "CEMR", in regards to the establishment of a stream habitat improvement project on the real property controlled by the landowner named below. Said property is located from immediately below the underpass at State Highway # 128, upstream on Lazy Creek for approximately 3/4 mile.

I, the representative for Chester Maksim., hereinafter called "Landowner", am aware that a stream habitat restoration project has been submitted to the Department of Fish and game for funding consideration. I understand the objectives of the project as proposed in the Lazy Creek Restoration project. I support the goals of the project

II ACCESS PERMISSION

Landowner hereby grants the CEMR, and the California Department of Fish and Game or their representatives permission to enter onto the real property owned by the Landowner to perform pre-project evaluations; and if an agreement for the project is entered into between the CEMR, and the California Department of Fish and Game, the Landowner grants permission to perform the stream habitat restoration work, to conduct project inspections, and to monitor project for needed maintenance for a 10 year period following project completion. Access shall be limited to those portions of landowner's real property where the actual stream restoration work is to be performed and those additional portions of the real property which must be traversed to gain access to the work site. Landowner will be informed as to the contractor's scheduling needs and will be notified whenever the contractor desires entry permission for performance of the contract.

III DURATION OF NOTICE

The term of this agreement shall be for the time necessary to complete the project, and ten years for maintenance, inspection, and monitoring purposes from the date completion. This is provided that CEMR or the Department shall give Landowner reasonable actual notice prior to each needed access. Reasonable and actual notice may be given by mail, *in person* or by telephone.

This agreement can be amended only by prior written agreement of both parties executing this permit This agreement may be canceled by either party with 30 days written notice to the other party.

IV. LIABILITIES

Reasonable precautions will be exercised by CEMR to avoid damage to persons and property.

CEMR agrees to indemnify and hold harmless the landowner and agrees to pay for reasonable damages caused by the uses authorized by this permit, except those caused by the gross negligence or intentional conduct of the landowner.

Date: 3-30-95

*maig-* Mr. Ted L. Hobbs  
Landowner Signature

Date: 3/30/95

Dick Jordan

Dick Jordan Director  
CEMR Mendocino Fisheries Program

THE CENTER FOR EDUCATION AND MANPOWER RESOURCES

P.O. Drawer?  
Ukiah, Ca. 95482

RECEIVED  
MAR 31 1995  
CEMR

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I, Norman Kobler., hereinafter called "Landowner", am aware that a stream habitat restoration project has been submitted to the Department of Fish and game for funding consideration. I understand the objectives of the project as proposed in the Lazy Creek Restoration project. I support the goals of the project

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Date: March 29, 1995

Norman Kobler  
Landowner Signature

Date: March 16, 1995

Dick Jordan

Dick Jordan Director  
CEMR Mendocino Fisheries Program

ENVIRONMENTAL CHECKLIST FORM

PROJECT LOCATION: Lazy Creek Mendocino County

PROJECT ADDRESS: At culvert under state hwy #128 USGS Philo Quad, section 3, Township 14 North, Range 15 West

PROJECT DESCRIPTION: Construction of two jump pools and separation baffles, removal of debris from the trash rack and upstream enhancement.

ENVIRONMENTAL IMPACTS:

*(CEQA requires that an explanation of all "yes" and "maybe" answers be provided along with this checklist, including a discussion of ways to mitigate the significant effects identified. You may attach separate sheets with the explanations.)*

I. EARTH	Yes	Maybe	No
Will the proposal result in:			
a. Unstable earth conditions or changes in geological substructures?			X
b. Disruptions, displacements, compaction, or overcovering of the soil?			X
c. Change in topography or ground surface relief features?			X
d. The destruction, covering or modification of any unique geologic or physical features?			X
e. Any increase in wind or water erosion of soils, either on or off the site?			X
f. Changes in deposition or erosion of beachsands, or changes in siltation, deposition or erosion which may modify the channel of a river or stream or the bed of the ocean or any bay, inlet or lake?			X
g. Exposure of people or property to geologic hazards, such as earthquakes, landslides, mudslides, ground failure, or similar hazards?			X
II. WATER			
Will the proposal result in:			
a. Substantial changes in currents, or the course or direction of water movements, in either marine or freshwaters?			X
b. Changes in absorption rates, drainage patterns, or the rate and amount of surface runoff?			X
c. Changes in the amount of surface water in any water body?	X		
d. Discharge into surface waters, or in any alteration of surface water quality, including, but not limited to, temperature, dissolved oxygen, petroleum products or turbidity?			X
e. Change in the quantity of ground waters, either through direct additions or withdrawals, or through interception of an aquifer by cuts or excavations?			X
f. Substantial reduction in the amount of water otherwise available for public water supplies?			X
g. Exposure of people or property to the water related hazards such as flooding or tidal waves?			X
III. PLANT LIFE			
Will the proposal result in:			
a. Change in the diversity of species, or number of any species, including upland, riparian and aquatic plants?			X
b. Reduction of the numbers of any unique, rare, or endangered species of plants?			X
c. Introduction of new species of plants into an area, or in a barrier to the normal replenishment of existing species?			X
d. Reduction in acreage of any agricultural crop?			X
IV. ANIMAL LIFE			
Will the proposal result in:			
a. Change in the diversity of species, or number of any species of animals (birds, land animals, including reptiles, fish and shellfish, benthic organisms or insects)?	X		
b. Reduction of the numbers of any unique, rare, or endangered species of animals?			X
c. Introduction of new species of animals into an area, or result in a barrier the migration or movement of animals?			X
d. Deterioration to existing fish or wildlife habitat?			X
e. Result in activities during sensitive life stages, ie. nesting, spawning, incubation, fry emergence, etc.			X
V. NOISE			
Will the proposal result in:			
a. Increases in existing; noise levels?			X
VI. LAND USE			
Will the proposal result in:			
a. Substantial alteration of, or conflict with, the present or planned land use of an area, i.e. mining or timber harvest?			X

<b>VII. NATURAL RESOURCES</b>	Will the proposal result in:			
a.	Increase in the rate of use of any natural resources?			X
<b>VIII. RISK OF UPSET</b>	Will the proposal result in:			
a.	A risk of an explosion or the release of hazardous substances (including, but not limited to oil, pesticides or chemicals) in the event of an accident or upset conditions?		X	
b.	Possible interference with an emergency response plan or an emergency evacuation plan?			X
<b>IX. TRANSPORTATION / CIRCULATION</b>	Will the proposal result in:			
a.	Generation of substantial additional vehicular movement?			X
b.	Substantial impact upon existing transportation systems?			X

**XVI. DISCUSSION OF ENVIRONMENTAL EVALUATION.**

**II. WATER**

- c. After the construction of the jump pools, there will be more water present during the dry season. The surface of the water will be higher during the winter flows but the amount of water passing through the system will remain unchanged.

**IV. ANIMAL LIFE**

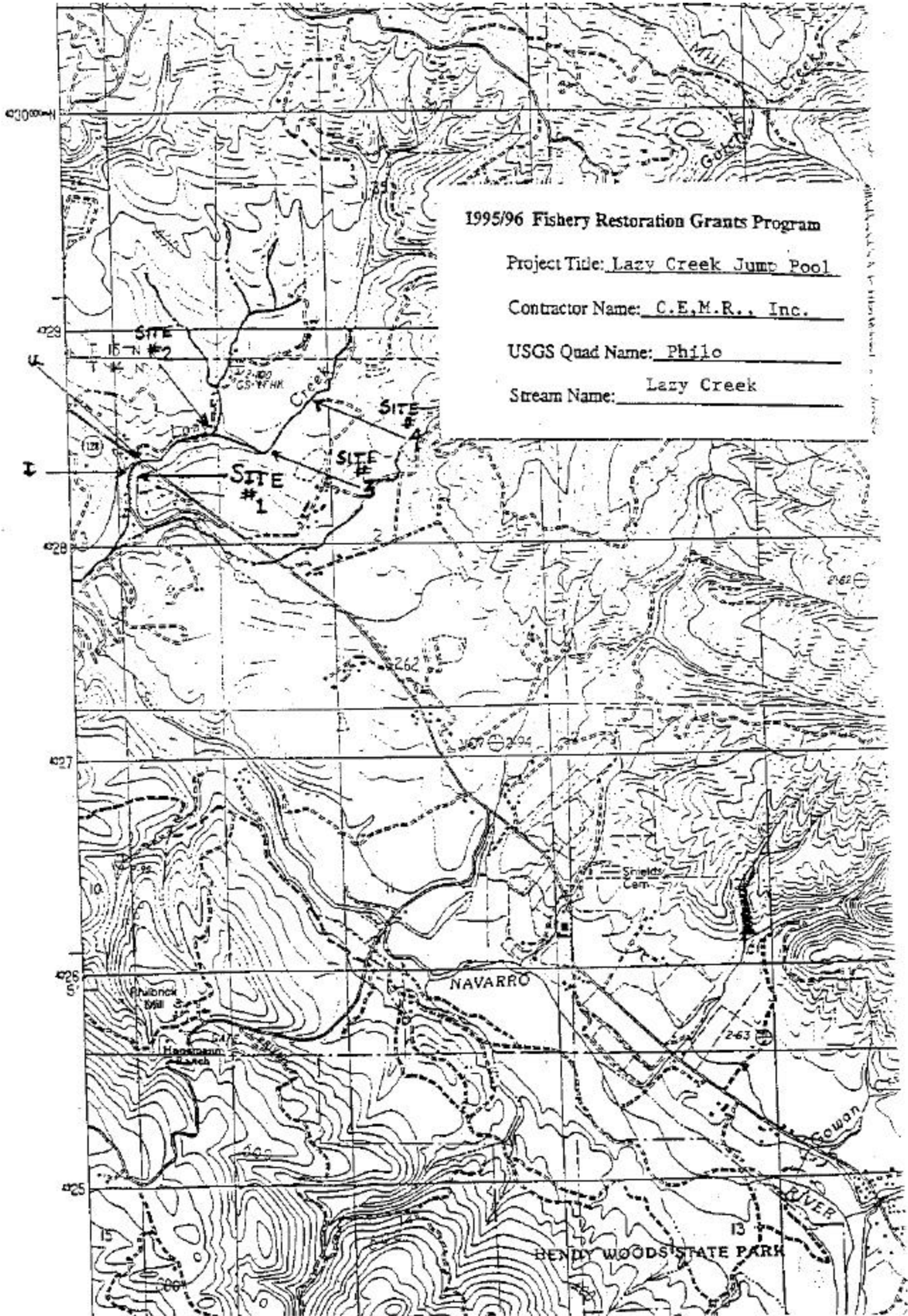
- a. The project is designed to allow upstream migration of Coho Salmon and Steelhead. At the present time, these fish may be present at the work site but are unable to continue upstream past the barrier. Allowing passage upstream will simply reestablish access to an area that was once their natural habitat

**VIII. RISK OF UPSET**

- a. There will be gasoline and oil on the worksite. It will be stored in sealed cans designed for such contents. All necessary caution will be taken to minimize any possibility of the hazardous material entering the waterway.

**XVII. DISCUSSION OF LAND USE IMPACTS.**

This project is confined to the immediate area of the stream, and will not have any impact on current or future land use practices.



1995/96 Fishery Restoration Grants Program

Project Title: Lazy Creek Jump Pool

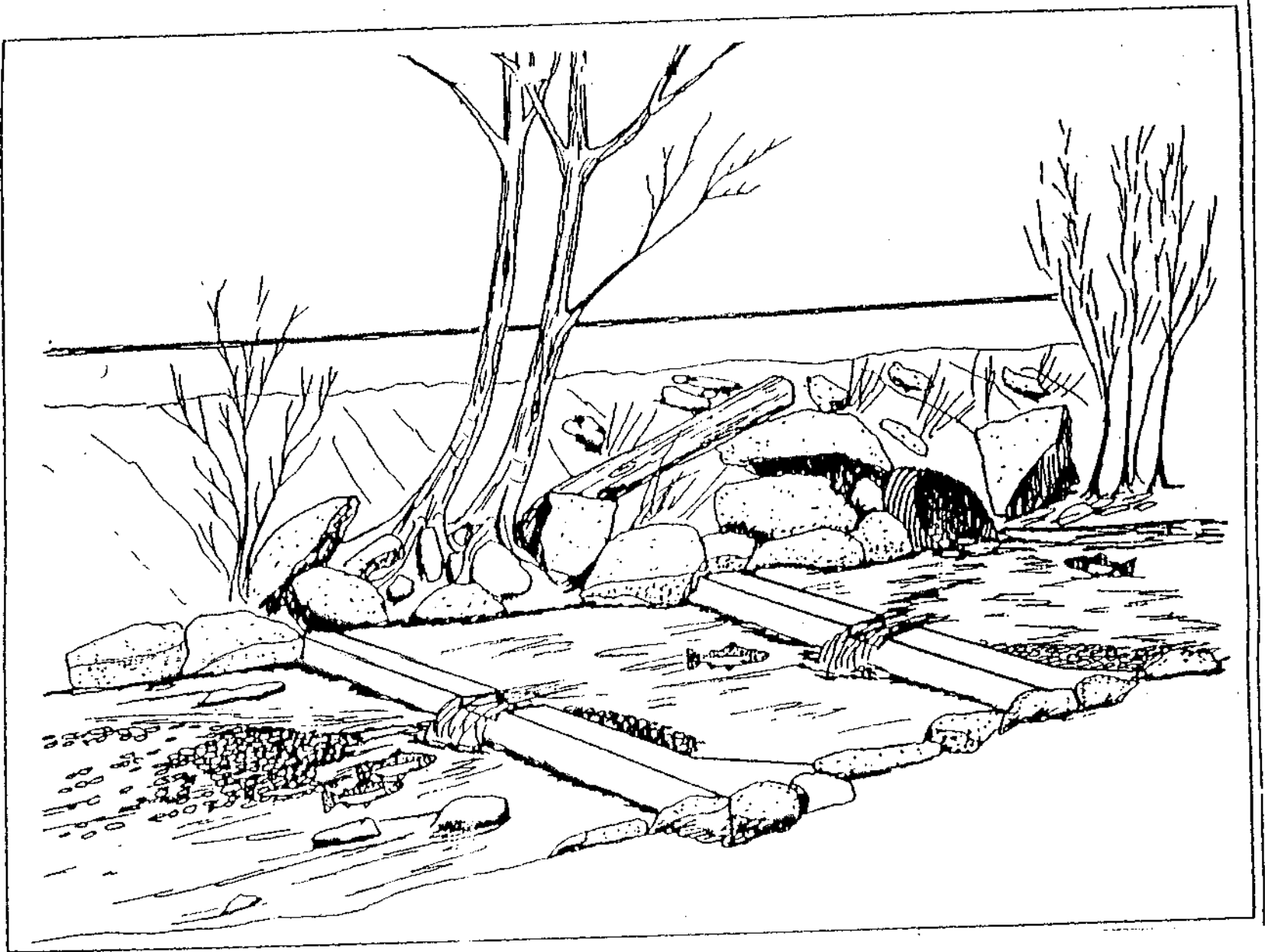
Contractor Name: C.E.M.R., Inc.

USGS Quad Name: Philo

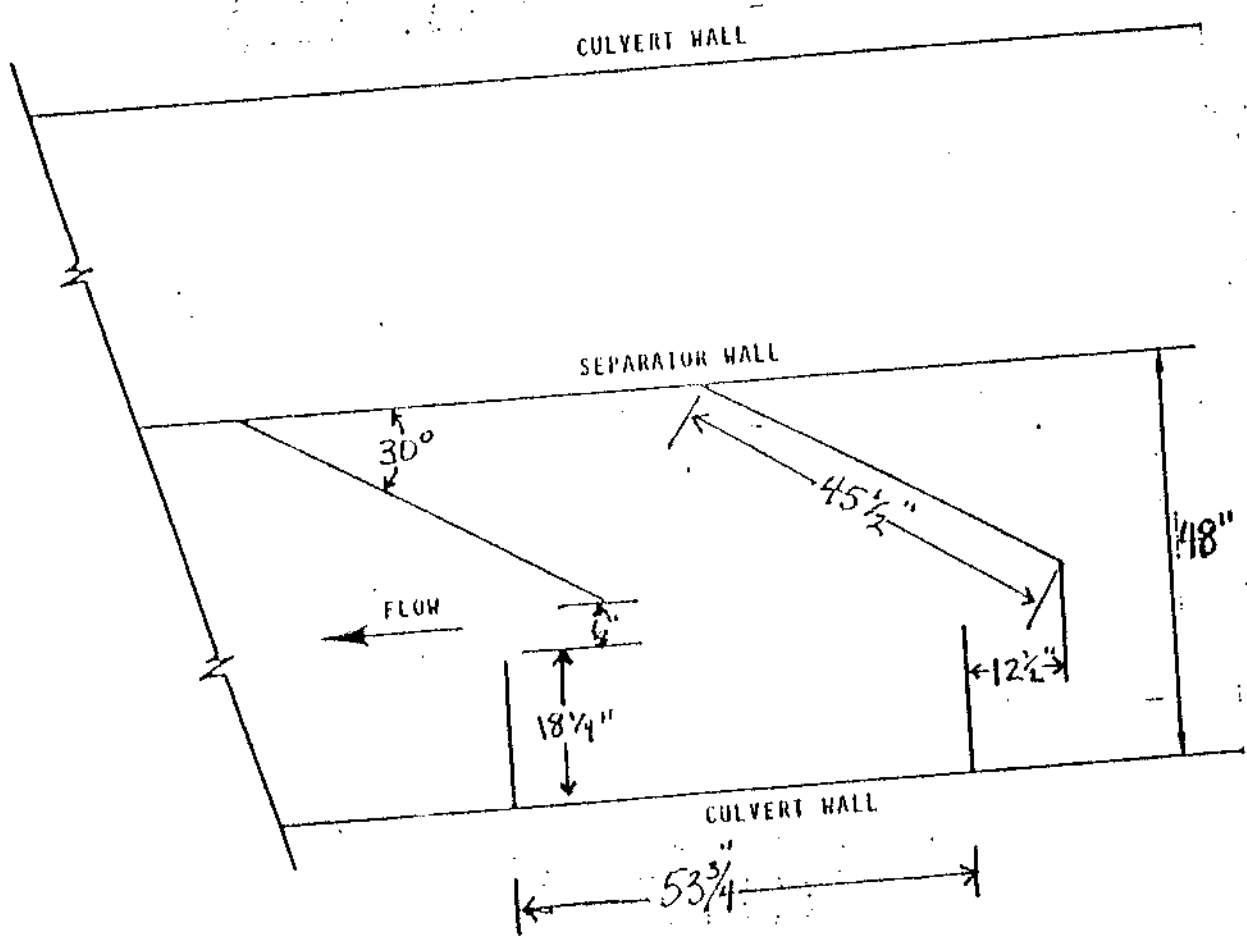
Stream Name: Lazy Creek



LAZY CREEK JUMP POOL & BAFFLE



# LAZY CREEK JUMP POOL & BAFFLE



LAZY CREEK JUMP POOL/BAFFLE CONSTRUCTION

