

FILE

PERFORMANCE REPORT

As Required By

FEDERAL AID IN FISHERIES RESTORATION ACT

TEXAS

Federal Aid Project F-4-R-21

Region 2-A Fisheries Studies

Objective 10: Habitat Improvement Study
Project Leader: Allen Forshage
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Clayton T. Garrison
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November 13, 1974

PERFORMANCE REPORT

State: Texas Project Number: F-4-R-21

Project Title: Region 2-A Fisheries Studies

Project Section: Research and Surveys

Study Title: Habitat Improvement Study

Contract Period: From January 1, 1974 To December 31, 1974

Program Narrative Objective Number: 10

Objective: To determine the fish concentration ability of automobile tires, stake beds, and brush shelters in a reservoir devoid of natural cover.

I. Segment Objective:

To devise, build and field test a technique for sampling fish concentrating devices.

II. Summary of Progress:

During this segment brush shelters, stake beds, and tire shelters were constructed and placed in two hatchery ponds at the Lewisville State Fish Hatchery. The ponds were stocked with largemouth bass, bluegill, redear sunfish, crappie, white bass, channel catfish, gizzard shad, river carp-sucker, carp, and smallmouth buffalo. The fish concentration ability of each shelter was then evaluated. SCUBA gear was used as the primary means of evaluation.

Review of current literature combined with collected field data indicate that sufficient information is now available to accomplish the objective of this study.

III. Significant Deviation:

None

IV. Recommendations:

It is recommended that this job be transferred to F-31-R, State-Wide Fisheries Research.

The last segment of this job will be devoted to the analysis of all data collected in previous segments. Conclusions and recommendations will be made at that time.

V. Cost:
\$2,500.00

VI. Prepared by: Allen Forshage
Project Leader

Date: November 13, 1974 Robert L. Bounds
Region II Inland Fisheries Director

Approved by: David L. Pritchard
Dingell-Johnson Coordinator