

Medina River

JOB FINAL REPORT

As required by

FEDERAL AID IN FISHERIES RESTORATION ACT

TEXAS

Federal Aid Project No. F-9-R-10

FISHERIES INVESTIGATIONS - REGION 5-A

Job No. III Stocking Recommendations

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September 15, 1971

SUMMARY

During this segment, public waters of the region were sampled and stocked where and when necessary. Name, location, species, and number of fish stocked in the public waters are given in the text.

FEDERAL BUREAU OF INVESTIGATION

MEMO

Federal Air Project No. 7-5-N-12

FISHERIES INVESTIGATION - REGION 7-A

Job No. 111 Stocking Recommendations

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JOB FINAL REPORT

State Texas

Project No. F-9-R-18

Project Title: Fisheries Investigations -
Region 5-A

Job No. III

Job Title: Stocking Recommendations

Period Covered: December 1, 1969 to November 30, 1970

Background:

The primary purpose of this job is to determine the waters in Region 5-A which would benefit from stocking. This is necessitated by the fluctuating water levels of reservoirs and streams in South Texas and the need for current data for proper fisheries management.

Objectives:

To recommend stocking ratios of game fish in new or renovated waters. To determine the abundance of age groups 0 to 1 in lakes having established fish populations. To recommend stocking of waters having established fish populations which either lack game species in age groups 0 to 1 or which because of heavy fishing pressure need additional game fish. To determine if and when a lake needs a total or partial kill of fish in order to completely renovate the lake or to bring the game fish and rough fish populations ratios to a better balance.

Procedures:

Each public water area was visited during or following the spawning season and was sampled with standard experimental gill nets and 26- and 75-foot seines. Waters surveyed were Braunig, Calaveras, Diversion, Nueces, Medina, Comanche, Chacon Lakes, Chaparral Wildlife Management Area Lakes, as well as the Nueces, Sabinal, Frio, and Atascosa Rivers.

Findings:

During this segment, the above-mentioned waters were surveyed and the data was compiled. Data from several waters indicated a definite need for additional game fish. Recommendations were made through the Regional Office as to the number and species needed in these waters.

Findings: (Con.)

Stocking of catfish was recommended for the following tanks: Blocker, Guajalote, Abuelo, Cacho, and Scotty which are on the Chaparral Wildlife Management Area and Calaveras Lake. Stocking of hybrid sunfish was recommended for Blocker and Guajalote Tanks on the Chaparral Wildlife Management Area and Calaveras Lake. Stocking of bass was recommended for Braunig, Calaveras, and Espantosa Lakes. Additional surplus fish raised at the Medina State Fish Hatchery were placed in various waters at the hatchery's discretion.

Based on data collected, and fish available for stocking, the following public waters were stocked under this job.

Public Waters

Name of Water	Town	County	Date Stocked	Bass	Catfish	Sunfish
Chaparral Wildlife Ref.	Artesia Wells	Dimmit	1/15/70			
Blocker Tank					200	150
Blocker Tank					150	100
Guajalote Tank					200	150
Calaveras Lake						47,500
Espantosa Lake	Carrizo Springs	Dimmit	4/23/70	35,000		
Nueces River	Crystal City	Zavala	4/23/70	45,000		
Medina River	Castroville	Medina	4/24/70	35,000		
Diversion Lake	Mico	Medina	4/24/70	50,000		
Sabinal River	Utopia	Uvalde	4/26/70	33,000		
Atascosa River	Pleasanton	Atascosa	9/18/70		1,000	800
Medina River	Castroville	Medina	9/18/70		8,450	
Braunig Lake	Elmendorf	Bexar	7/20/70	50,000		
Chaparral Wildlife Ref.	Artesia Wells	La Salle	11/ 6/70			
Abuelo Tank					300	
Cacho Tank					300	
Scotty Tank					300	
Calaveras Lake	San Antonio	Bexar	11/ 4/70		39,000	
			11/ 5/70			
			11/10/70			
Calaveras Lake	San Antonio	Bexar	12/28/70		2,850	
Calaveras Lake			1/14/71			38,575

Recommendations:

Survey and inventory investigations for Job III has been incorporated into Job I, F-9-R-19, and Job III, per se has been terminated.

Prepared by: W. J. Dean, Jr.
Asst. Project Leader

Approved by *Fred H. Lowman*
Coordinator

Date September 15, 1971

Elgin M. C. Dietz
Asst. for Inland Fisheries

