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JOB PROGRESS REPORT

As required by

FEDERAL AID IN FISHERIES RESTORATION ACT

TEXAS

Federal Aid Project No. F-5-R-19

REGION 1-B FISHERIES STUDIES

Job No. 2 Pollution Studies

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March 20, 1972



## Job Progress Report

State of Texas

Project No.: F-5-R-19

Name: Region 1-B Fisheries Studies

Job No.: 2

Title: Pollution Studies

Period Covered: March 1, 1971 to February 29, 1972

### P.S. Objectives:

To determine the source and nature of pollution.

### Segment Objectives:

#### General:

To investigate instances of pollution affecting specific fish populations and to report findings to the State Water Quality Board when remedial action is needed.

#### Specific:

1. To determine extent of damage to fish populations.
2. To trace the source of pollution.
3. To attempt to determine the nature of the pollutant.
4. To report instances of violation and negligence to the State Water Quality Board and/or other proper authorities.

#### Procedures:

Field investigations were made when suspected pollution and pollution-caused fish kills were encountered, reported or suspected. Reports of the findings were related to appropriate authorities if remedial and preventive measures were deemed necessary.

#### Findings:

Instances of pollution and/or fish kills were very limited in Fisheries Region 1-B during this segment.

An oil leak from a pipeline in Runnels County on Valley Creek was brought to the attention of field personnel in mid-April. Subsequent investigations disclosed no signs of oil or affected fish. However, the area had received a 4-inch rain between the reported date of occurrence and the field investigation.

Also reported and investigated in late April was an overflowing brine well in Coke County near the Colorado River. None of this waste was reaching the river on the surface. Both of these instances were reported to the Texas Railroad Commission.

Lake Nasworthy, Tom Green County, experienced a light die-off of gizzard shad over a 3-week period in September 1971. Visual observations found no other species affected. Water analysis disclosed low dissolved oxygen content, especially in the early morning hours. This has been an annual occurrence for the past few years.

Recommendations:

It is recommended that this job be continued in an effort to detect, investigate, and correct future pollution of public waters in Fisheries Region 1-B.

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Date March 20, 1972

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