

TXD P421.3 AN78 1999

7/9/2002

Texas State Document 7/07

University of Texas-Pan American

INLAND FISHERIES ANNUAL REPORT 1999



TEXAS STATE DOCUMENT
UNIVERSITY OF TEXAS PAN AMERICAN
EDINBURG, TEXAS 78539-2999

IMPROVING THE QUALITY OF FISHING



Andrew Sansom
Executive Director

Larry McKinney
Senior Director for Aquatic Resources

U.S. GOVERNMENT DOCUMENT
DEPOSITORY LIBRARY NO. 610

JUL 03 2002

UNIVERSITY OF TEXAS PAN AMERICAN
EDINBURG, TEXAS 78539-2999

Philip P. Durocher
Inland Fisheries Division

INLAND FISHERIES ANNUAL REPORT 1999



Commissioners

Lee M. Bass
Chairman, Ft. Worth

Carol E. Dinkins
Vice-Chair, Houston

Ernest Angelo, Jr.
Midland

John Avila, Jr.
Ft. Worth

Richard (Dick) Heath
Dallas

Alvin L. Henry
Houston

Katharine Armstrong Idsal
San Antonio

Nolan Ryan
Alvin

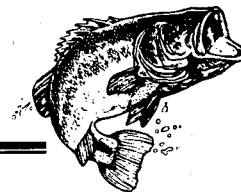
Mark E. Watson, Jr.
San Antonio

Perry R. Bass
Chairman-Emeritus
Ft. Worth

The policy of Texas Parks and Wildlife is to fully comply with the intent of Title VI of the Civil Rights Act of 1964. Title VI provides that no person in the United States shall, on grounds of race, color, or national origin, be excluded from participating in, denied the benefits of, or subjected to discrimination under any program or activity receiving federal financial assistance.



TABLE OF CONTENTS



1 Inland Fisheries Overview

- Mission
- Scope
- Responsibilities
- Staff
- Funding and Allocation

3 Administration

- Goal
- Rationale
- Offices
- Program Costs
- Organization

6 Resource Management – Fisheries and Habitat Management

- Goal
- Rationale
- Methodology
 - General Survey Reservoirs*
 - Annual Survey Reservoirs*
 - Small Reservoirs*
 - Rivers and Streams*
- Responsibilities
- Program Costs
- Accomplishments
 - Regulation Changes*
 - Fish Stocking*
 - Fish Monitoring*
 - General Survey Texas Reservoirs*
 - Annual Survey Texas Reservoirs*
 - Other Survey Texas Reservoirs*
 - Texas Stream Surveys*
 - Habitat Enhancement*
 - Outreach Events*
 - General Activities*
 - Special Project Activities*
- Organization

23 Resource Management – Fisheries Research

- Goal
- Rationale
- Facility
 - Heart of the Hills Research Station*
- Responsibilities
- Program Costs
- Accomplishments
 - State-Supported Research Studies*
 - Sport Fish Restoration Federal Aid-Supported Studies (F-31-R)*
 - Endangered Species (Section 6) Studies*
 - Land Owner Incentive Program (LIP) Study*
 - Publications*
 - Reports*
 - Articles*
 - Presentations*
 - Special Projects*
- Organization

42 Education and Outreach

- Goal
- Rationale
- Facility
 - Texas Freshwater Fisheries Center*
- Responsibilities
 - Visitor Center*
 - Hatchery*
- Program Costs
- Accomplishments
 - Visitor Center*
 - Hatchery*
 - Special Projects*
- Organization

47 Fish Hatcheries

- Goal
- Rationale
- Facilities
 - Dundee State Fish Hatchery*
 - Possum Kingdom State Fish Hatchery*

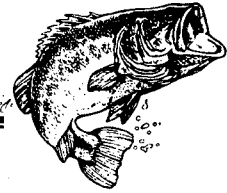
A. E. Wood State Fish Hatchery
Jasper State Fish Hatchery
Athens State Fish Hatchery (Texas Fresh Water Fisheries Center)

- Responsibilities
- Program Costs
- Accomplishments
 - Species Stocked in Public Waters*
 - Special Project Activities*
 - Other Activities*
- Organization

53 *Appendix*

- Division Personnel Directory
- TPW IFS Chart of Accounts
- Stocking Records

INLAND FISHERIES OVERVIEW



Mission

To provide the best possible fishing in Texas while protecting and enhancing its freshwater aquatic resources.

Scope

The Inland Fisheries Division is responsible for managing the fishery resources in approximately 800 public impoundments and about 80,000 miles of rivers and streams together totaling 1.7 million acres. About 2.6 million anglers whose fishing activities result in \$2,900,000,000 in trip and equipment expenditures use these resources.

Responsibilities

To assess annually the status, utilization and value of freshwater fishery resources in all public waters in order to develop and evaluate management strategies to protect the resource from depletion and to optimize yield.

To maintain or enhance existing fish stocks and species diversity by stocking public waters with hatchery-produced fishes.

To inform the Legislature, Commission, resource agencies and resource users of the status of the resource by publishing and presenting results of management and research assessments and the best scientific information available.

To enhance annually the amount of quality aquatic habitat available to fish, and to anglers, by managing overabundant aquatic vegetation or increasing the habitat where deficiencies exist.

To increase outreach efforts and establish urban fishing programs to increase fishing opportunities for children, the elderly, and the physically or mentally challenged.

To optimize the State's fishing opportunities in State parks and other state-owned facilities.

To restore and protect stocks of endangered or threatened native species.

To increase the State's fish production efficiency by maintaining and renovating existing hatcheries.

Staff

Inland Fisheries has 190.5 permanent and 2 non-permanent positions assigned to management, hatchery, research and administrative branches.

Funding and Allocation

In FY 1999, \$8,855,925 (not including fringe benefits, worker's compensation, or capital construction) was budgeted for Inland Fisheries. Federal Aid grants are expected to reimburse the Department \$5,362,487 of this budget.

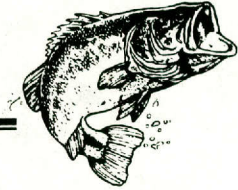
The budget is allocated for personnel, operation, and capital costs to implement three goals from the Department's Strategic Plan "Natural Agenda: A Strategic Plan for Texas Parks and Wildlife 1992 – 1998."

Acquire, improve, or access additional public fisheries and wildlife and their habitat. [Agency Goal #1, Objective #1, and Strategy #1.] \$4,240,076.

Design and implement outreach programs to expand fishing, hunting and wildlife-viewing opportunities for targeted user groups. [Agency Goal #2, Objective #2, and Strategy #1.] \$1,336,480.

Protect and manage Texas fish and wildlife resources by determining the status and condition of their habitats, monitoring and assessing their populations, and by undertaking scientific research to address ecosystem- and species-level issues. [Agency Goal #3, Objective #3, and Strategy #1.] \$3,279,369.

ADMINISTRATION



Goal

To direct all Inland Fisheries Division activities within Commission policy and budget, based on the results of Inland Fisheries monitoring and research programs, and to recommend management, operating, and funding strategies to the Senior Division Director for Water Policy, Executive Director, Texas Parks and Wildlife Commission and Legislature.

Rationale

The Inland Fisheries administrative staff is responsible for providing program direction to achieve the mission and goals of the Department as expressed in the Texas Parks and Wildlife Department "Natural Agenda: A Strategic Plan for Texas Parks and Wildlife 1992 – 1998." The administrative staff, in concert with field units, guides the collection and interpretation of all information from fisheries survey, research, and evaluation efforts.

Offices

Administrative

Headquarters
4200 Smith School Road
Austin, Texas 78744
Phone: (512) 389-8110

Region I Management
3407-B S. Chadbourne
San Angelo, Texas 76903
Phone: (915) 651-4846

Region II Management
1601 E. Crest Dr.
Waco, Texas 76707
Phone: (254) 867-7974

Region III Management
11942 FM 848
Tyler, Texas 75707
Phone: (903) 566-1615

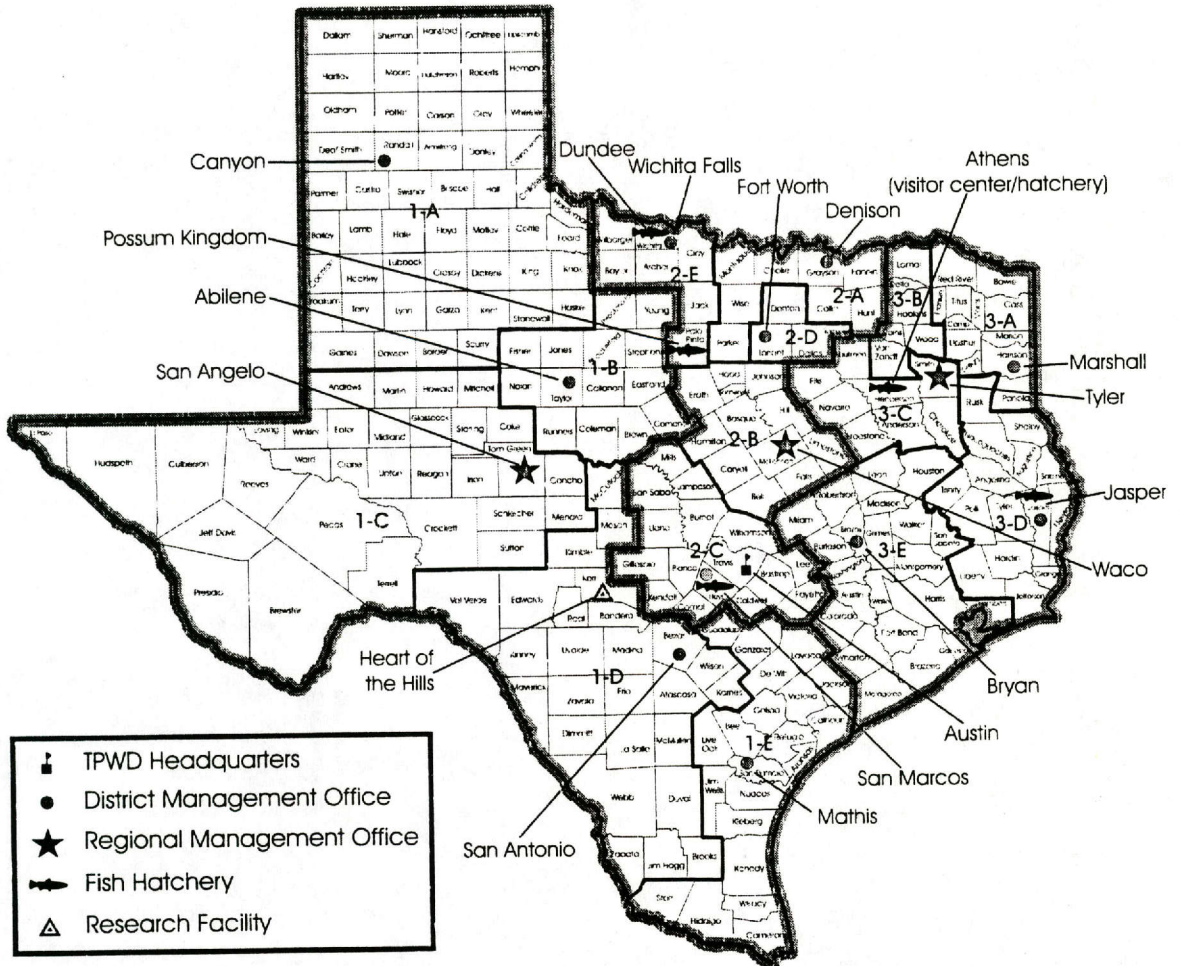
Research
HCO 7, Box 62
Ingram, Texas 78025
Phone: (830) 866-3356

Region I Hatcheries
(A. E. Wood & Jasper)
507 Staples Road
San Marcos, Texas 78666
Phone: (512) 353-0313

Region II Hatcheries
(Dundee & Possum Kingdom)
Rt. 1, Box 123A
Electra, Texas 76360-9502
Phone: (940) 586-1203

Education & Outreach
5550 Flat Creek Rd.
Athens, Texas 75751
Phone: (903) 676-2277

Facility Locations

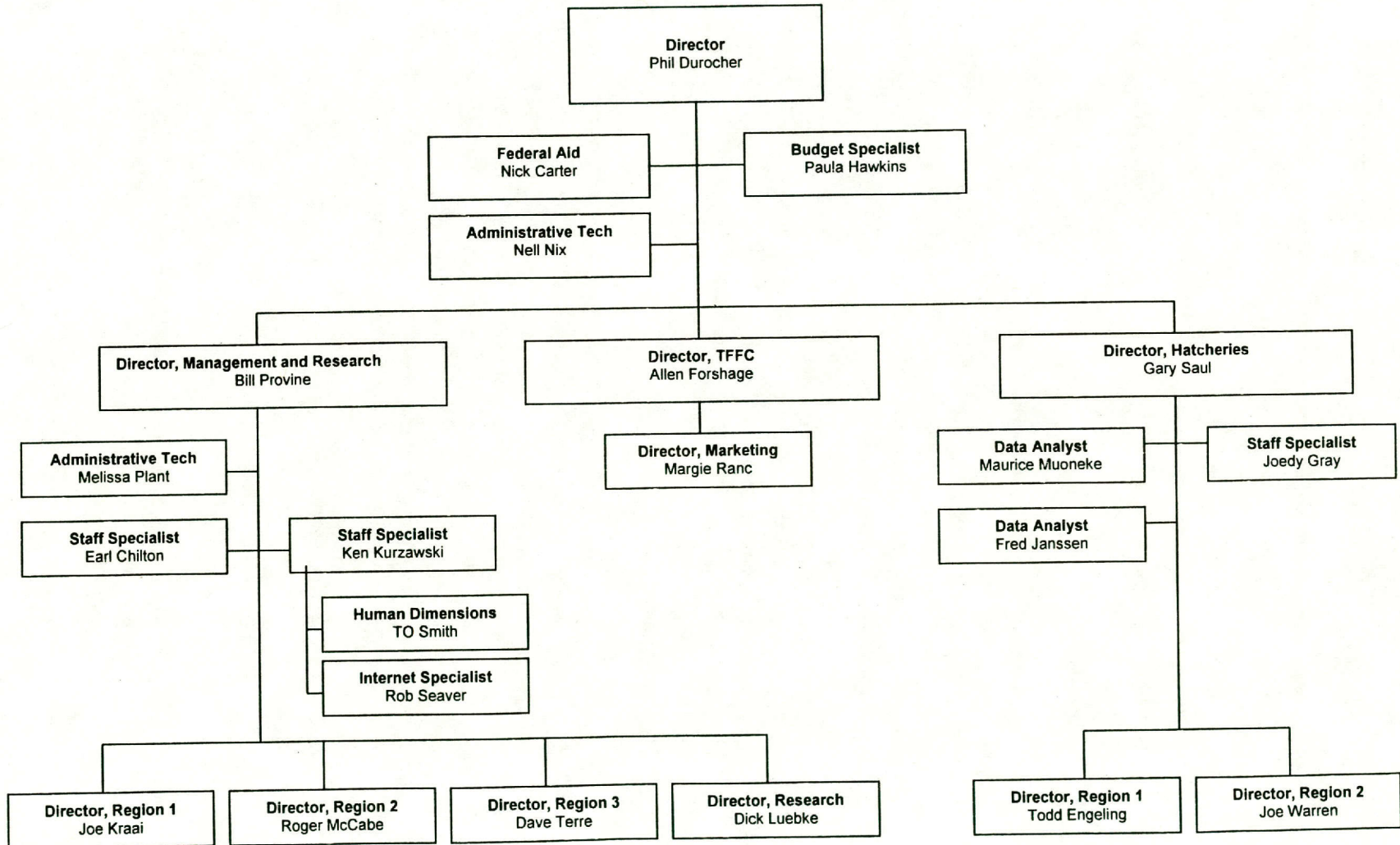


Program Costs

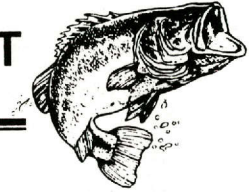
Total administrative cost for FY99 was \$1,050,964.

Organization

Inland Fisheries Division Administration



RESOURCE MANAGEMENT – FISHERIES AND HABITAT MANAGEMENT



Goal

To develop plans and conduct applied management activities for all freshwater impoundments, rivers, and streams.

Rationale

Effective management of the freshwater resource depends on knowledge of the habitat available, the dynamics and structure of populations, and their utilization. Standardized monitoring based on scientifically accepted techniques and survey procedures was begun in 1975 and is updated periodically whenever new procedures to improve the timeliness and precision of estimates are found. Data obtained from these surveys are used to monitor fish populations, habitat, and angler use of fisheries. They provide the foundation for the development of management plans/strategies aimed at improving and protecting recreational fisheries. Statewide management activities supported and evaluated through monitoring data include development of fish stocking plans, fish harvest regulation development, and habitat improvement and mitigation. Public support of management activities is obtained through a variety of outreach activities that are designed to educate and inform the public about on-going management programs and fishing opportunities.

Methodology

Standardized procedures are detailed in the Inland Fisheries Assessment and Aquatic Enhancement procedure manuals. These manuals provide staff with specific sampling procedures and minimum survey requirements for reservoirs, rivers, and streams. Current staffing does not allow for annual monitoring of all state fresh waters. All major public reservoirs (>500 acres) are surveyed at least once every three years. Sixteen of these reservoirs are surveyed annually to provide specific statewide trend information. Small reservoirs (<500 acres), rivers, and streams are surveyed on an "as needed" basis and on a schedule determined by local biologists. Listed below are the categories of water bodies sampled and their basic sampling requirements:

General Survey Reservoirs

- Includes all major public reservoirs that are greater than 500 acres in size and are sampled on a three-year rotation basis.
- Sampling activities: Gill netting (spring), structural habitat and aquatic vegetation surveys (summer), electrofishing and trap netting (fall), access survey (year-round), creel survey (optional).

Annual Survey Reservoirs

- Includes major public reservoirs that are greater than 500 acres in size and are sampled on an annual basis.
- Sampling activities: Same as general survey reservoirs except that year-round creel surveys are also required.

Small Reservoirs

- Includes all public reservoirs that are less than 500 acres in size. Reservoirs in this category include designated "Community Fishing Lakes" and most state park lakes.
- Sampling activities: Sampling methods typically follow general survey reservoir guidelines; however, choice of sampling methods is determined by local biologists.

Rivers and Streams

- Includes all unimpounded segments of rivers and streams.
- Sampling activities: Electrofishing, seining, habitat survey, hoop netting, gill netting, access surveys and creel surveys. Choice of sampling methods is determined by local biologists.

Responsibilities

Monitor public freshwater fisheries resources, including habitat.

Monitor the activities of freshwater fishery users.

Recommend, implement, and evaluate fisheries management plans to protect, increase, or make better use of the fisheries resources.

Recommend, implement, and evaluate activities which enhance the amount of quality habitat available to fish and anglers.

Report on significant findings and results.

Educate and inform the public about Division programs and activities.

Coordinate and/or conduct fishing clinics, rodeos, etc., for young people, as well as for people not usually involved in fishing.

Program Costs

The total cost for the Management Program for FY99 was \$3,357,401.

Accomplishments

Regulation Changes

The following changes in fishing regulations recommended by staff were adopted by the TPW Commission to improve angling quality, optimize angling opportunity, and protect fisheries resources.

- Statewide harvest regulations for walleye from a 16-inch minimum length limit and a five fish daily bag to a five fish daily bag, only two of which can be under 16 inches in total length.
- The restriction specifically prohibiting the taking of fish underwater with a hand-held device other than a spear or spear gun is reinstated. This restriction was removed from the proclamation during the recent sunset process and needs to be re-instated as scuba divers have been taking fish by placing lures or baits with a pole and line immediately in front of or in the mouth of large catfish.
- Harvest regulations for blue catfish on Fort Phantom Hill Reservoir (Jones County) and E.V. Spence Reservoir (Coke County) from an 18-inch minimum length limit and five fish daily bag to a 12-inch minimum length limit for blue catfish and a 25 fish daily bag for blue catfish and channel catfish in any combination (statewide regulations).
- Harvest regulations for largemouth bass on Lakes Brownwood (Brown County), Champion Creek (Mitchell County), and Coleman (Coleman County) from the current 16-inch minimum length to the statewide 14-inch minimum length limit. Daily bag would remain at five fish/day.
- Harvest regulations for largemouth bass on Lakes Striker (Rusk County), Tyler State Park Lake (Smith), and Weatherford (Parker County) from the current 14-18 inch slot length limit to the statewide 14-inch minimum length limit. Daily bag would remain at five fish/day.
- Harvest regulations for largemouth bass on Lake Murvaul (Panola County) from a 14-inch minimum length limit and a five fish daily bag limit to a 14 – 21-inch slot length limit and five fish daily bag, of which only one fish 21 inches or greater may be harvested per day.
- Catch and release restrictions for largemouth bass on Purtis Creek State Park Lake and all water bodies within the boundaries of Purtis Creek State Park (Henderson and Van Zandt Counties); Gibbons Creek Reservoir and all waters within Texas Municipal Power Agency property (Grimes County); and Lake Raven (Walker County) from allowing bass caught 22 inches or greater to be retained alive in a livewell, weighed at a lakeside weigh station, and then immediately released or donated to the ShareLunker program. The minimum length is changed to 21 inches.
- Current regulations on the use of baitfish in the Trans-Pecos Region (Brewster, Crane, Crockett, Culberson, Ector, El Paso, Jeff Davis, Hudspeth, Loving, Pecos, Presidio, Reeves, Terrell, Upton, Val Verde, Ward, and Winkler Counties) are changed to the restriction that the only fishes that could be used or possessed for bait while fishing would be common carp,

fathead minnows, gizzard and threadfin shad, Mexican tetra, Rio Grande cichlid, silversides (Atherinidae), sunfish (Lepomis), goldfish, and golden shiners.

Fish Stocking

A total of 32,851,175 fish were stocked at management's recommendation into 406 reservoirs from January 1, 1999 through December 31, 1999 (see ***Appendix***).

Fish Monitoring

General Survey Texas Reservoirs

Reservoir	Size	Creel	Angler Access	Electrofish	Gill Net	Habitat Survey	Veg. Survey	Seine	Water Quality	Frame Net
Falcon	78,300			X						X
Livingston	77,896			X	X	X				
Amistad	63,680		X	X	X	X	X			X
Cedar Creek Reservoir	32,432		X	X	X	X	X			X
Caddo	27,472			X			X			
Buchanan	22,211		X	X	X		X			
Ray Hubbard	21,671						X			
Lake Corpus Christi	19,447				X		X			
Travis	19,161			X	X					
Cooper Reservoir	19,018			X	X	X				
O. H. Ivie	18,429	X		X	X		X			X
Lake O' the Pines	17,606	X		X		X	X		X	X
Possum Kingdom	17,425	X	X	X	X	X	X		X	X
Kemp	15,104			X						
Hubbard Creek	14,943			X	X	X				X
Belton (Bell County)	12,334			X	X					
Houston	12,240									X
Texana	11,000				X					
Lavon	10,674			X	X	X	X		X	
Bridgeport	10,442			X						
B A Steinhagen	9,718						X			
Eagle Mountain	9,200									X
Granbury	8,700									
Waco	7,173			X	X					
Grapevine	6,684			X	X	X	X		X	X
Joe Pool	6,469						X			X
Lyndon B. Johnson	6,449			X	X	X				
Stillhouse Hollow	6,403						X			X
Pat Mayse	5,865	X			X					
Martin Creek Reservoir	5,434			X			X			
Stamford	5,200									X
Anahuac	5,117			X	X					X
Benbrook	3,717			X	X	X	X		X	X
Cypress Springs	3,661					X	X		X	
Murvaul	3,494			X						
Worth	3,489						X			X
Coletto Creek Reservoir	2,962						X			
Palo Pinto	2,399		X	X	X	X	X		X	
Fayette County	2,394		X	X	X		X			
Tyler East	2,372	X	X	X	X	X	X			X

General Survey Texas Reservoirs

Reservoir	Size	Creel	Angler Access	Electrofishing	Gill Net	Habitat Survey	Veg. Survey	Seine	Water Quality	Frame Net
Nacogdoches	2,354			X			X			
Tyler West	2,318		X	X	X	X	X			
Fairfield	2,133		X	X	X	X	X			
Amon G. Carter	2,126									X
Gibbons Creek Reservoir	2,110			X						X
Brady Creek Reservoir	2,021		X	X	X	X	X			X
Arlington	1,872						X			X
Striker	1,863			X	X					X
Tradinghouse Creek	1,793				X		X			
Coleman City	1,783						X			
Millers Creek	1,685		X	X	X	X	X	X	X	X
Pat Cleburne	1,481			X	X					
Austin	1,452						X			
Athens	1,446		X	X						
Champion Creek	1,388			X	X					X
Houston County	1,373			X	X					
White River Reservoir	1,368			X	X					X
Welsh	1,334			X	X	X	X	X		
O. C. Fisher	1,323			X	X					X
Victor Braunig	1,298	X	X	X	X	X	X	X	X	X
Lake Georgetown	1,292			X	X					X
Brandy Branch	1,257			X	X	X	X	X	X	X
Walter E. Long	1,215		X				X			X
Jacksonville	1,208			X			X			
Nocona	1,201		X	X	X	X	X	X	X	X
Weatherford	1,173		X	X	X	X	X	X	X	
White Rock	1,102			X		X	X	X	X	X
Greenbelt	1,084	X		X	X					X
Mexia	1,048			X	X					
Mackenzie	883			X	X					X
Bastrop	865						X			X
Winnsboro	797			X	X	X				X
Bonham City	789			X						
North Lake	769						X			
Inks	768		X	X	X		X			
Lake Bryan	737			X						X
Alan Henry	726			X	X					X
Baylor Creek	723			X	X					X
Kurth	708		X	X	X	X		X	X	X
Mineral Wells	663									X
Coffee Mill	650									X
Hawkins	634			X	X	X		X	X	X

General Survey Texas Reservoirs

Reservoir	Size	Creel	Angler Access	Electrofish	Gill Net	Habitat Survey	Veg. Survey	Seine	Water Quality	Frame Net
Sweetwater	632	X		X	X	X				X
Ballinger	575					X				X
Balmorea	556			X						
Cisco	535			X	X	X				X
Abilene	511			X	X	X				X
Kirby	482			X						X
Hords Creek	474			X	X	X				X
Town Lake	463		X	X	X		X			
Pinkston	447			X	X		X			X
Dunlap	410			X						
McQueeney	364			X	X					X
Davy Crockett	355			X						
Purtis Creek State Park	349			X			X			
H-4	338			X	X					X
Alice City	247				X					
Buffalo Springs	225									X
Big Creek Lake	220			X	X	X				
Raven	204			X						
San Augustine City	200			X						
Totals	690,785	8	19	74	58	33	45	0	16	54

Annual Survey Texas Reservoirs

Reservoir	Size	Creel	Angler Access	Electrofish	Gill Net	Habitat Survey	Veg. Survey	Seine	Water Quality	Frame Net
Toledo Bend	162,476	X		X	X		X			
Sam Rayburn	111,422	X		X	X		X		X	
Texoma	86,571	X		X	X				X	X
Lake Fork	27,959	X		X	X	X				X
Choke Canyon Reservoir	25,537	X		X	X					X
Palestine	23,434	X	X	X	X	X	X			X
Whitney	22,180	X		X	X					X
Lewisville	21,644	X		X	X	X	X		X	X
Conroe	19,734	X		X	X	X	X			
Meredith	16,383	X		X	X					X
Arrowhead	14,390	X	X	X	X	X	X		X	X
E. V. Spence	8,227	X		X	X					X
Canyon	8,122	X	X	X	X		X			X
Calaveras	3,110	X	X	X	X	X	X		X	
Fort Phantom Hill	2,485	X		X	X	X				X
Monticello	1,972	X		X	X	X	X		X	X
Total	555,646	16	4	16	16	8	9	0	6	12

Other Survey Texas Reservoirs

Reservoir	Size	Creel	Angler Access	Electrofish	Gill Net	Habitat Survey	Veg. Survey	Seine	Water Quality	Frame Net
Iowa Park	325									X
Marine Creek	250						X			
North Anson	250			X						
Timpson	223			X						
Bellwood	160			X			X			
Canyon Tailrace	120	X	X	X						
Flatrock	120		X	X	X	X	X			X
Canyon Lake Project #6	82			X						
Tyler State Park	65			X						
Madisonville	64			X						
Ratcliff	45						X			
Petrolia City	41				X					
Petrolia City (Old)	36				X					
Live Oak City	30			X	X					X
Ennis J.C. Park	28			X						
Buescher State Park	25		X	X					X	
Childress	24			X	X					X
Canyon Lake Project #2	22			X						
Maxey Park	21			X						
Nelson Park	18	X								
Canyon Lake Project #1	17			X						
Clifford Andrews Park	15			X						
Elmore City Park	14			X						
Fort Inge	12			X	X					
Dupree Park	11			X						
Leftwich Park	11			X						
Bastrop State Park	10								X	
Buster Long	10			X						
Elmendorf	10			X						
Hi-Lions	10			X						
Blanco State Park #4	8		X							
Higginbotham Park	6			X						
Mackenzie State Park Lake	6			X						
Miller's Pond	6			X						
Albert Sallas County Park	5	X								
Casey Park	5			X						
Miller Park	5			X						
Crow Park	4			X						
Jennings	4			X						
McCullough	4			X						
Georgetown - South San Gabriel	3		X							
Ribble Park	3			X						

Other Survey Texas Reservoirs

Reservoir	Size	Creel	Angler Access	Electrofish	Gill Net	Habitat Survey	Veg. Survey	Seine	Water Quality	Frame Net
Hoell	2			X						
Stevens Park	2			X						
Tyler Nature Center Pond	2		X							
Buck Lake	1			X						
Hamilton Creek Park	1		X							
Mahon Park	1			X						
Totals	2,137	3	7	36	6	1	4	0	2	4

Texas Stream Surveys

Stream	Miles	Creel	Angler Access	Electrofish	Gill Net	Habitat Survey	Veg. Survey	Seine	Water Quality	Frame Net
Devils River	54			X						
Colorado River	50	X	X	X		X				
Brazos River	24	X		X		X				
Big Cypress Creek	20	X								
Canyon Tailrace	12.5			X						
Sabine River	10						X			
Rio Grande	6						X			
Big Hill Bayou	1						X			
Hildebrandt Bayou	1						X			
Taylor Bayou	1						X			
Red River	0.1								X	
Totals	179.6	3	1	4	0	2	5	0	1	0

Habitat Enhancement

Habitat Improvements:

<u>Vegetation Planting</u>	<u>District</u>	<u>Acres</u>
Nelson Park	1B	1
Choke Canyon	1D/1E	0.5
Alice City	1E	1
Waco	2B	2
Lewisville	2D	3
Grapevine	2D	3
Cooper	3B	1
Coleman	1B	0.5
Jacksonville	3B/3C	1
Bellwood	3C	6
Conroe	3E	0.25
		19.25

<u>Cypress Tree Planting</u>	<u>District</u>	<u>Acres</u>
Palestine	3C	10
Raven	3E	50
Lake Bryan	3E	50
		110

<u>Lake Fertilization</u>	<u>District</u>	<u>Acres</u>
Cleburne State Park	2B	116
Meridian State Park	2B	73
		189

<u>Brush Shelter Install</u>	<u>District</u>	<u>Acres</u>
Lake Bryan	3E	1
Buffalo Creek	2E	2
Arrowhead	2E	1
Wichita	2E	1
		5

<u>Shoreline Improvement</u>	<u>District</u>	<u>Acres</u>
Hords Creek	1B	5
Nature Center Pond	3C	2
		7

<u>Vegetation Control</u>	<u>District</u>	<u>Acres</u>
Texana	AHE	24.3
Toledo Bend	AHE	196
Big Hill Bayou	AHE	71
Taylor Bayou	AHE	30
Purtis Creek	AHE	2.5
Raven	3E	2
		325.8

Total Lakes=28
Total Acres=656.05

Outreach Events

Inland Fisheries staff held 445 outreach events in which 142,426 individuals participated.

Event Type	# Events	Participants	Man Hours
Youth	191	29,696	2,559
Senior Citizens	3	90	25
Special Challenged	9	642	62
General Outreach	242	111,998	1,669
Total	445	142,426	4,315

General Activities

- Inland management staff participated in meetings with the Oklahoma Department of Wildlife and Fisheries and Louisiana Department of Wildlife and Fisheries to standardize fishing regulations on border waters (Lake Texoma and Toledo Bend Reservoir).
- Coordinated two meetings with the Freshwater Fisheries Advisory Board to obtain direction on issues related to fish stocking and harvest regulations.
- Participated in two TPWD-sponsored interagency forums/workshops dealing with biological and chemical means of aquatic plant control.
- Participated in 17 public hearings and 4 public scoping meetings. Three special public meetings were held in Fritch to discuss walleye regulations, in Carthage to discuss Murval largemouth bass slot limit and in Pecos to discuss Pecos River baitfish restrictions.
- Reviewed and approved 1,129 private water grass carp permits for a total of 34,332 fish. Reviewed and issued 8 public water grass carp permits for a total of 143 fish.
- Revised rules concerning permits to sell non-game fish and revised permitting program. 78 permits were issued.
- Issued 30 permits to introduce fish and aquatic plants into public waters.
- Revised rules concerning Harmful or Potentially Harmful Fish, Shellfish and Aquatic Plants to provide for mechanical harvesters, primary public education permits and wastewater treatment facilities. Issued over 200 Exotic Species permits.
- In the third year of the Urban Fishing Access Grant Program (formerly KIDFISH Grant Program) there was a total request of \$327,330. This year's grant awards went to Fort Worth, Mount Pleasant and the County of El Paso.
- Reviewed 2 environmental permits.

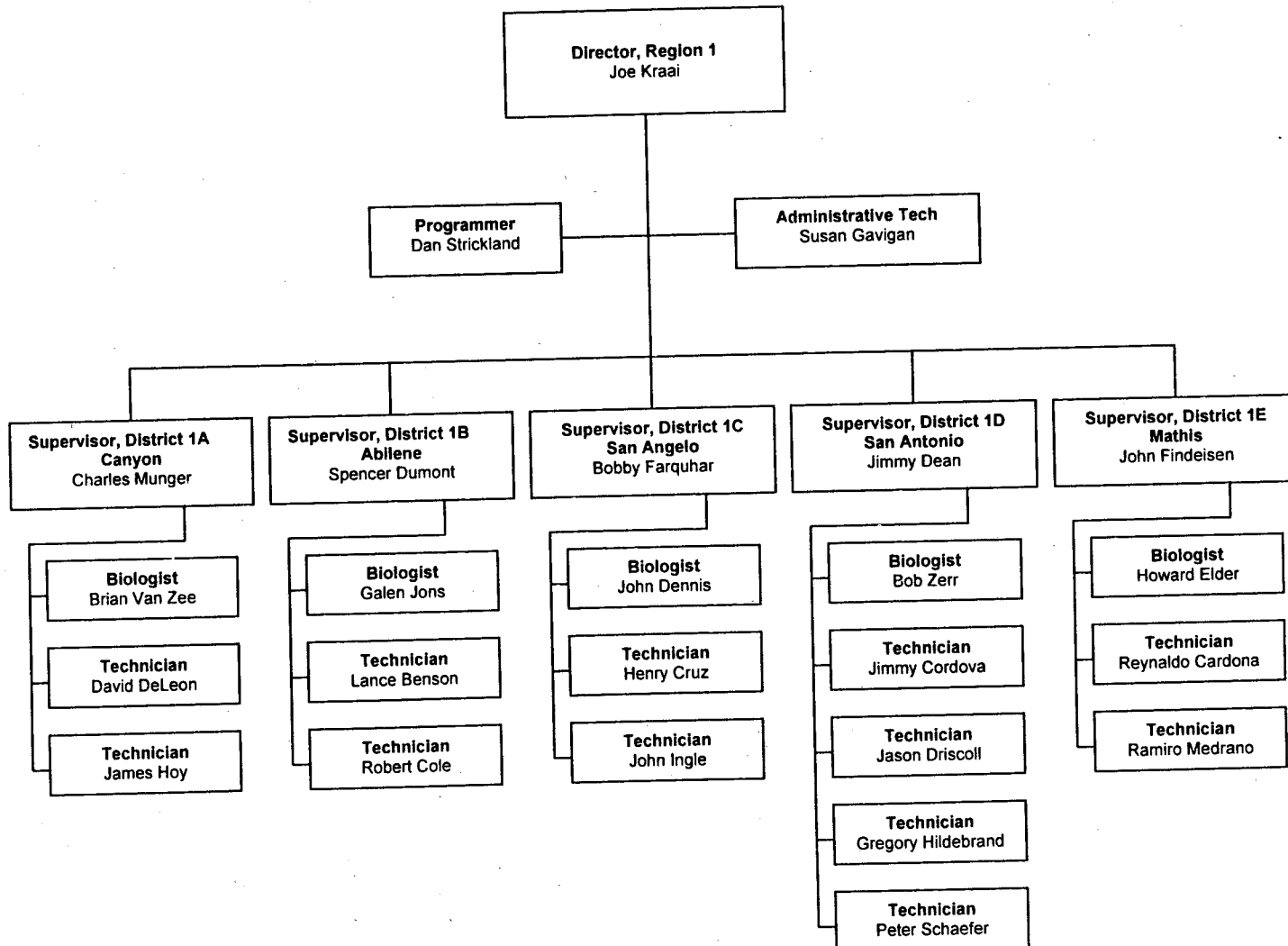
- Investigated 17 fish kills in 17 public water bodies.
- Provided technical and administrative support to the Resource Protection Division on resource, environmental and endangered species issues.
- Issued 314 news releases dealing with TPWD policies and management programs.
- Certified and issued 40 State Records, 248 Waterbody Records, 143 Big Fish Awards, 75 Lunker Catch and Release Awards, and 162 First Fish Awards through the Angler Recognition Program.
- Hired a full time employee at the Austin-HQ to coordinate the human dimensions program initiative to strengthen our understanding of the impacts of fishing on local economies as well constituents' desires, attitudes and opinions for use in goal setting and long range planning.
- Began strategic planning process to identify needs of constituents, potential TPW of resource and future activities needed to facilitate appropriate resource utilization.
- Conducted an Internet angler survey as part of the strategic planning process and the results were published in the February issue of the AFS Fisheries magazine.
- Developed the preliminary outreach database and began entry of KIDFISH participant records for outreach evaluation.
- Conducted initial demographic survey of anglers for the Inland Fisheries Rivers Initiative on the Lower Colorado, Brazos and Big Cypress Bayou Rivers.
- Monitored Toledo Bend and Braunig/Calaveras angler survey project being conducted in coordination with Texas A&M University.

Special Project Activities

Special projects are included in **Fisheries Research** section on page 31. These activities are investigations conducted by fisheries management biologists using survey data. Study designs are coordinated through Fisheries Investigations biologists.

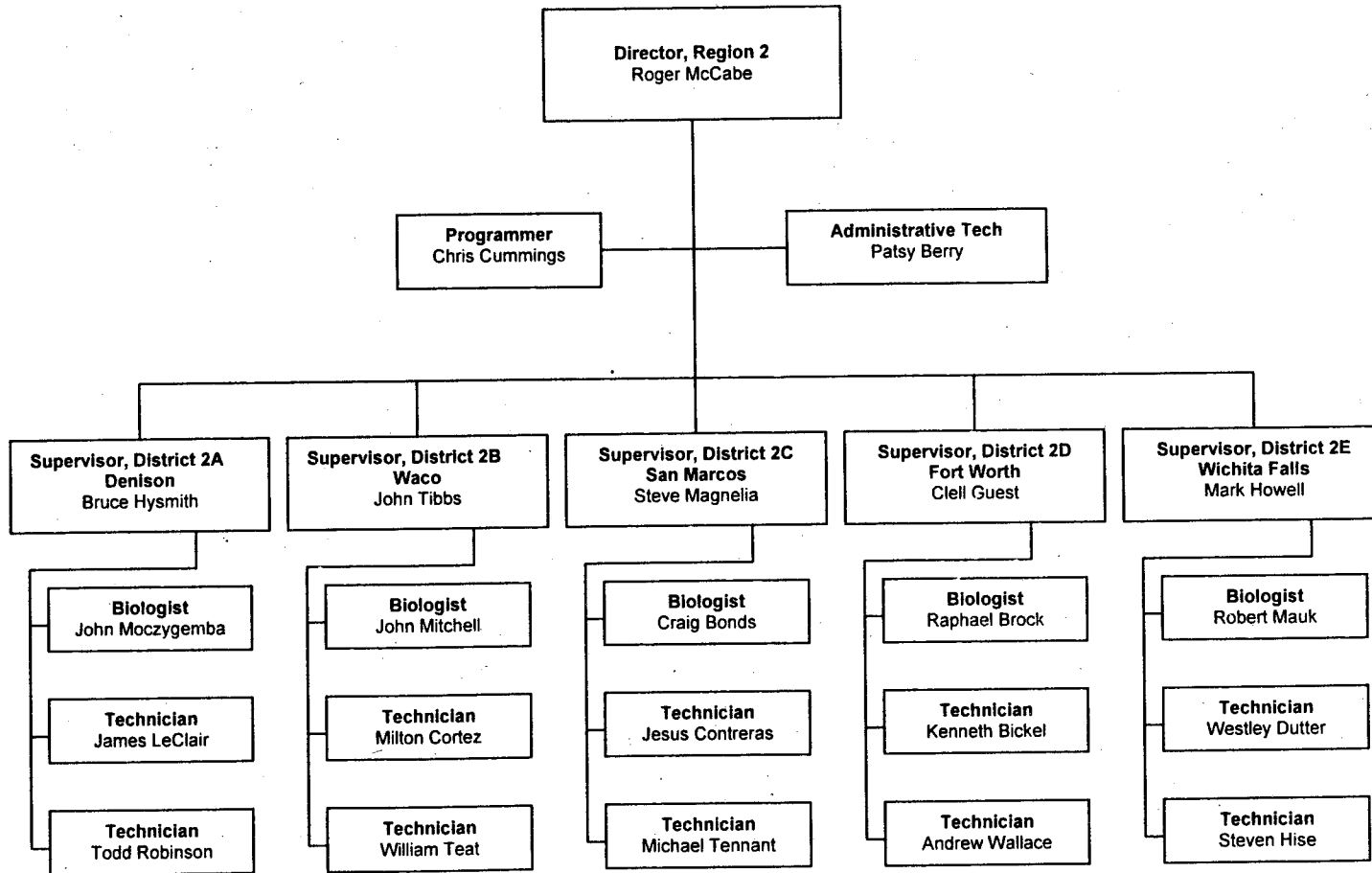
Organization

Management, Region 1 San Angelo



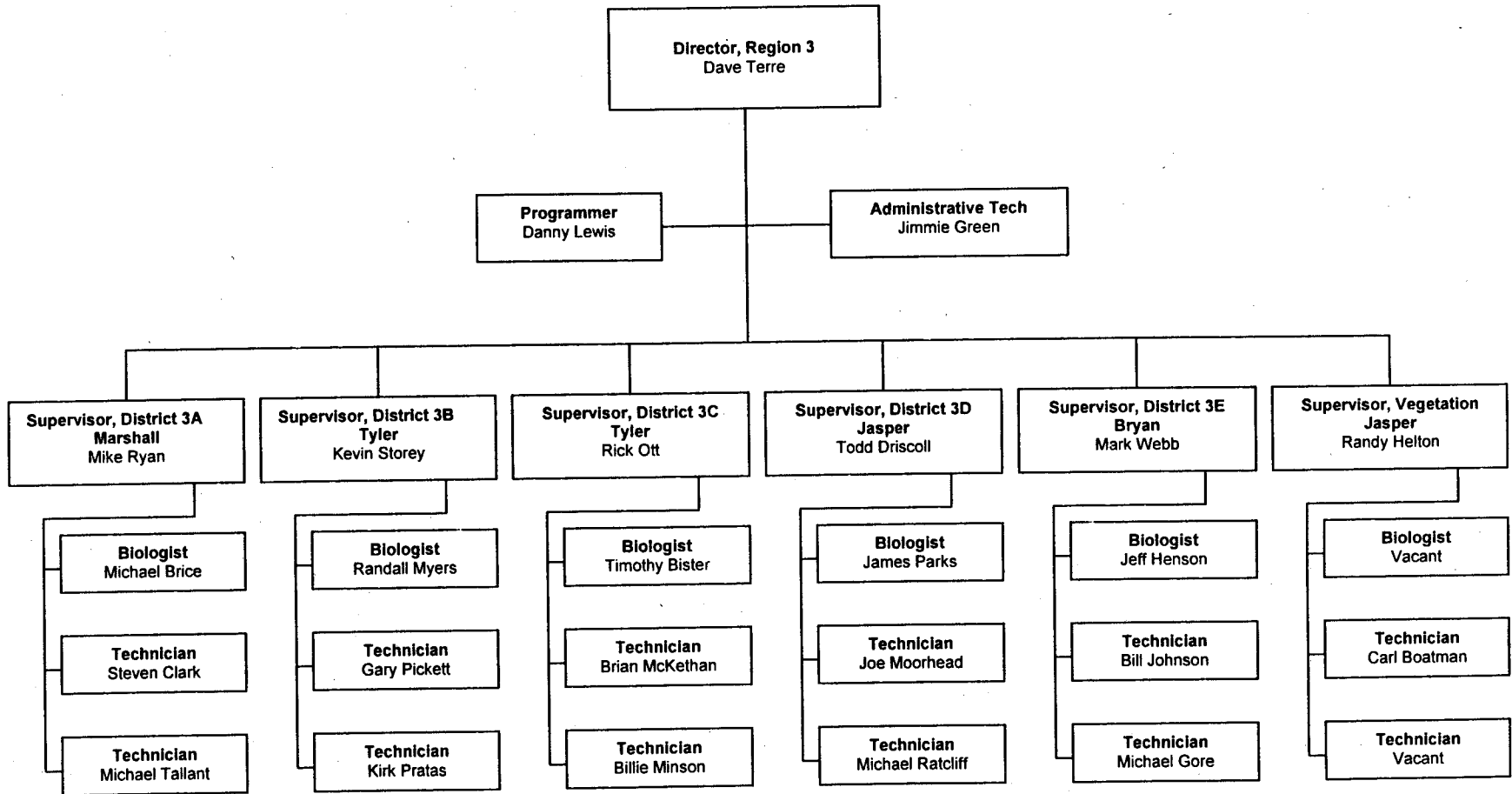
Organization

Management, Region 2 Waco

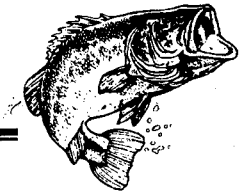


Organization

Management, Region 3 Tyler



RESOURCE MANAGEMENT – FISHERIES RESEARCH



Goal

To provide scientifically sound information leading to the understanding and management of aquatic resources, their production, improvement and utilization.

Rationale

The scope of fisheries research includes statewide investigations ranging from short-term studies for the purpose of immediate decisions to long-term studies for better understanding of fisheries resources and evaluation of management programs. Communication of basic study findings through publications, press releases and special presentations, as well as providing technical assistance to other functions within Inland Fisheries is the product of this function. Fisheries research is a cooperative function maintaining close liaison with private and governmental entities for information needed to solve common problems of fisheries management programs.

Facility

Description of Heart of the Hills Research Station

- Location – Heart of the Hills Research Station is located on an old state fish hatchery approximately 17 miles northwest of Kerrville, Texas on State Highway 27.
- Construction Date – Original construction was completed in 1925. Following subsequent land acquisitions in 1927 and 1942 and additional pond construction, the facility contained 44 hatchery ponds and associated buildings on approximately 56 acres of land.
- Renovation History – A major renovation effort occurred beginning in 1969 when the existing fish hatchery was converted into the current fisheries research station. The 44 hatchery ponds were consolidated to form 25 research ponds ranging in size from approximately 0.5 to 2.0 acres. In 1970, a combination office building and wet laboratory was constructed. Also at that time, an existing 4,800 ft² storage building was converted into a wet laboratory. In 1978, a pole barn was constructed to house various field equipment. In 1980, a vehicle maintenance building was constructed, and in 1982 a metal shop building was constructed. An artificial stream system was installed in 1998.

Responsibilities

Conduct special investigations on unique problems identified through management surveys.

Develop new techniques to enhance fisheries resources.

Evaluate new techniques and procedures to monitor resources and resource users.

Provide assistance to other functions regarding literature searches and statistical data analyses.

Evaluate biological means of eradication of harmful or potentially harmful exotic plants and management of indigenous plants.

Aid in identification and management of exotic fish, shellfish and aquatic plants.

Program Costs

The total cost for the Research Program for FY99 was \$773,560.

Accomplishments

State-Supported Research Studies

Work was conducted on the following State-supported research studies:

- Annulus Formation and Validation in Otoliths and Pectoral Spines of Channel Catfish
- Size-specific Index for Volumetric Estimation of Number of Koi Fry
- Development of Spawning Techniques for Freshwater Drum
- Scale and Otolith Aging Accuracy in Largemouth Bass
- Statewide Freshwater Mussel Status Evaluation
- Bass Tournament Mortality at Lake Fork
- Fishes of Texas Book
- Life History Requirements of the Devils River Minnow
- Operation ShareLunker Breeding Program Development
- Guadalupe Bass Restoration Project

Sport Fish Restoration Federal Aid-Supported Studies (F-31-R)

Work was conducted on the following Federal Aid-supported (F-31-R) studies:

- Florida Largemouth Bass Growout Study
- Assessment of Paddlefish Stockings in the Neches, Trinity, Angelina and Sabine River Systems
- Coppernose Bluegill Evaluation
- Florida Largemouth Bass Stocking Evaluation
- Sunfish Management Evaluation
- White Bass Stock Structure Evaluation
- Channel and Blue Catfish Survival and Catchability Comparison

Endangered Species (Section 6) Studies

Work was conducted on the following Federal Aid-supported (Section 6) study:

- Survey of Abundance, Distribution, and General Biology of Texas Hornshell (*Popenaias popei*) and Other Unionids in the Rio Grande, Texas

Land Owner Incentive Program (LIP) Study

Work was conducted on the following Federal Aid-supported (Landowner Incentive Program) study:

- Restoration of Pecos Pupfish Habitat

Publications

Jons, G.D. 1997. Comparison of electrofishing and hoop nets for collecting blue catfish in 2 south Texas rivers. Annual Proceedings of the Southeastern Association of Fish and Wildlife Agencies 51:72-78.

Kurten, G., L. Hall, and N. Thompson. 1999. Evaluation of cottonseed meal supplementation of inorganically fertilized Florida largemouth bass spawning ponds. North American Journal of Aquaculture 61:115-125.

Luebke, R.W. and R.K. Betsill. 1997. Limited entry in recreational fisheries – has its time come? Annual Proceedings Southeastern Association of Fish and Wildlife Agencies 51:184-191.

Reports

- Dorzab, T. A. 1999. A re-circulating hatching apparatus for yellow perch eggs. Texas Parks and Wildlife Department, Management Data Series 169. 6pp.
- Howells, R.G. 1998. Status of the Texas hornshell and native freshwater mussels (Unionidae) in the Rio Grande and Pecos River of New Mexico and Texas. Survey of abundance, distribution, and general biology of Texas hornshell (Popenaias popei) and other unionids in the Rio Grande, Texas. Annual Report for 1997-1998 to the U.S. Fish and Wildlife Service, Section 6, Grant Number 90. 35pp.
- Howells, R.G. 1999. Status of the Texas hornshell and native freshwater mussels (Unionidae) in the Rio Grande and Pecos River of New Mexico and Texas. Survey of abundance, distribution, and general biology of Texas hornshell (Popenaias popei) and other unionids in the Rio Grande, Texas. Annual Report for 1998-1999 to the U.S. Fish and Wildlife Service, Section 6, Grant Number 90. 33pp.
- Howells, R.G. 1999. Distributional surveys of freshwater bivalves in Texas: progress report for 1998. Texas Parks and Wildlife Department, Management Data Series 161. 23pp.
- Warren, H. J. 1999. Striped bass culture program report. Texas Parks and Wildlife Department, Management Data Series 160. 17pp.
- Warren, H. J. 1999. Striped bass program production plan. Texas Parks and Wildlife Department, Management Data Series 163. 31pp.

Articles

- Dean, J. 1998. Catch and release fishing events. Texas Outback, September-October issue.
- Dean, J. 1999. Effects of floods on Dunlap and McQueeney. Texas Outback, January-February issue.
- Dean, J. 1999. Area lake happenings. Texas Outback, September-October issue.
- Dean, J. 1999. Inland Fisheries Latest Activities and Involvements. Texas Outback, November-December issue.
- Hartmann, L. 1999. Update on the control of giant salvinia. Freshwater Angler Magazine 2(5):5.
- Helton, R. 1999. Giant salvinia update. Freshwater Angler Magazine 2(3):6.

- Howells, R.G. 1999. Survey of abundance, distribution, and general biology of Texas hornshell and other unionids in the Rio Grande, Texas. Texas Parks and Wildlife Department, Wildlife Research Highlights 4:41.
- Howells, R.G. and S.P. Ansley. 1999. Recent freshwater-mussel surveys of the Rio Grande in the Big Bend region. Triannual Unionid Report 17:7.
- Kurzawski, K., and D. Terre. 1999. Big Bass. Texas Parks and Wildlife Magazine 57(6):4A-8A.
- Nelson, E., B.E. Sietman and R.G. Howells. 1998. New unionid records for coastal Matagorda County, Texas. Triannual Unionid Report 16:25.
- Ryan, M. 1998. Bass Life Associates, a partner in fisheries management. Honey Hole Magazine 14(7):24-25.
- Smart, M., R. Helton and L. Hartmann. 1999. Swamp thing: Invasion of the killer weed. Freshwater Angler Magazine 2(6):6-9.
- Wray, J. 1999. South Texas blues. Texas Outback, May-June issue.
- Zerr, B. 1998. What's in store for Falcon Reservoir. Texas Outback, November-December issue.
- Zerr, B. 1998. Fall stocking strategies for private ponds. Texas Outback, November-December issue.
- Zerr, B. 1999. Braunig and Calaveras, people survey. Texas Outback, March-April issue.
- Zerr, B. 1999. Casa Blanca. Texas Outback, March-April issue.
- Zerr, B. 1999. Management strategies for private ponds. Texas Outback, May-June issue.

Presentations

- Buckmeier, D.L. and E.R. Irwin. 1999. Annulus formation and validation in pectoral spines of channel catfish. Presented at the Annual Meeting of the American Fisheries Society, Charlotte, North Carolina, September 2.
- DiCenzo, V.J. and K.K. Sellers. 1998. Use of scale pattern analysis to identify stocks of age-0 largemouth bass in a small Texas reservoir. Presented at the Annual Meeting of the Southeastern Association of Fish and Wildlife Agencies, Orlando, Florida, October 7.
- Dorzab, T. A. 1999. Re-circulating systems for striped bass hatching and broodfish holding. Presented at the Annual Mid-Continent Warmwater Fish Culture Workshop, Kansas City, Missouri, February 2.

- Dueck, L. 1999. Genetic identification of Texas' first record largemouth bass. Poster presented at the Annual Meeting of the Texas Chapter, American Fisheries Society, Corpus Christi, Texas, January 26.
- Farmer, M. 1998. Full tilt marketing in Texas. Presented at the Annual Meeting of the Southeastern Association of Fish and Wildlife Agencies, Orlando, Florida, October 6.
- Farquhar, B.W. and G.P. Garrett. 1999. Lake Balmorhea renovation project. Presented at the Annual Meeting of the Texas Chapter, American Fisheries Society, Corpus Christi, Texas, January 25.
- Forshage, A. 1999. Fishing for future anglers. Presented at the Annual Midyear Meeting of the Southern Division, American Fisheries Society, Chattanooga, Tennessee, February 24.
- Garrett, G.P. 1999. Innovative approaches to recover endangered species. Presented at the Annual Meeting of the Texas Academy of Science, Seguin, Texas, March 5.
- Garrett, G.P. 1999. Innovative approaches to recover endangered species. Presented at the Invited Speaker Series at Southwest Texas State University, San Marcos, Texas, October 4.
- Garrett, G.P. and R.K. Betsill. 1999. Survival and vulnerability to angling of channel catfish and blue catfish produced for Texas Parks and Wildlife Department's community fishing lake program. Presented at the Annual Meeting of the Texas Chapter, American Fisheries Society, Corpus Christi, Texas, January 26.
- Garrett, G.P., N. Allan, R.J. Edwards and C. Hubbs. 1998. Desert fishes research and management in Texas during 1998. Presented at the Annual Meeting of the Desert Fishes Council, Page, Arizona, November 19.
- Garrett, G.P., R.J. Edwards, N. Allan and C. Hubbs. 1999. Desert fishes research and management in Texas during 1999. Presented at the Annual Meeting of the Desert Fishes Council, Ciudad Victoria, Tamaulipas, Mexico, November 18.
- Howells, R.G. 1999. Freshwater mussel watch – volunteer program. Presented at River Watch: Annual Meeting of the Monitors, San Marcos, Texas, September 1.
- Howells, R.G., C.M. Mather and J.A.M. Bergmann. 1999. Impacts of dewatering and cold on freshwater mussels (Unionidae) in B. A. Steinhagen Reservoir, Texas. Presented at the Big Thicket Science Conference, Beaumont, Texas, October 8.
- Hysmith, B. and J. Moczygmba. 1999. Exploitation of crappie by contest anglers on Lake Texoma. Presented at the Annual Meeting of the Southeastern Association of Fish and Wildlife Agencies, Greensboro, North Carolina, November 8.

- Kraai, J.E., C. Munger and E. Altena. 1999. Select life history information for yellow perch in Greenbelt Reservoir, Texas. Presented at the Annual Meeting of the Texas Chapter, American Fisheries Society, Corpus Christi, Texas, January 26.
- Kraai, J.E., C. Munger and E. Altena. 1999. Select life history information for yellow perch in Greenbelt Reservoir, Texas with observations on diet overlap with bluegill. Presented at the Annual Meeting of the Great Plains Fishery Workers Association, Casper, Wyoming, February 2.
- Ott, R.A., Jr. 1999. Procedures to obtain triploid grass carp for stocking in private waters. Presented at the Annual Training Meeting of the Texas A&M Extension Agents, College Station, Texas, May 19.
- Ott, R.A., Jr. and M. Smart. 1998. The Lake Jacksonville integrated approach to managing aquatic plants. Presented at the Annual Meeting of the Texas Aquatic Plant Management Society, New Braunfels, Texas, October 21.
- Ott, R.A., Jr. and M. Smart. 1999. An integrated approach to managing aquatic plants at Lake Jacksonville, Texas. Presented at the Annual Meeting of the Texas Chapter, American Fisheries Society, Corpus Christi, Texas, January 26.
- Ott, R.A., Jr. and M. Smart. 1999. An integrated approach to managing aquatic plants at Lake Jacksonville, Texas. Poster presented at the Annual Midyear Meeting of the Southern Division, American Fisheries Society, Chattanooga, Tennessee, February 24.
- Ott, R.A., Jr. and M. Smart. 1999. An integrated approach to managing aquatic plants at Lake Jacksonville, Texas. Presented at the Annual Meeting of the North American Aquatic Plant Management Society, Asheville, North Carolina, July 14.
- Parks, J.O. and E.P. Seidensticker. 1998. Evaluation of a 356-457-mm slot length limit for largemouth bass in five Texas reservoirs. Presented at the Annual Meeting of the Southeastern Association of Fish and Wildlife Agencies, Orlando, Florida, October 5.
- Prentice, J.A., W.J. Dean, Jr., M.S. Reed and E.A. Chilton II. 1998. Movement of triploid grass carp among small hydropower impoundments of the Guadalupe River, Texas. Presented at the Annual Meeting of the Southeastern Association of Fish and Wildlife Agencies, Orlando, Florida, October 5.
- Prentice, J.A., W.J. Dean, Jr., M.S. Reed and E.A. Chilton II. 1999. Movement of triploid grass carp among small hydropower impoundments of the Guadalupe River, Texas. Presented at the Annual Meeting of the Texas Chapter, American Fisheries Society, Corpus Christi, Texas, January 26.

- Schieberle, A., T. Engeling and J. Isaac. 1999. Performance of wild stock and Imperial stock channel catfish fingerlings in hatchery ponds. Presented at the Annual Meeting of the Texas Chapter, American Fisheries Society, Corpus Christi, Texas, January 25.
- Schramm, H., J. Kraai, C. Munger and J. Winter. 1999. Intensive stocking of striped bass to restructure a gizzard shad population in a eutrophic Texas reservoir. Presented at the Annual Meeting of the Southeastern Association of Fish and Wildlife Agencies, Greensboro, North Carolina, November 9.
- Van Zee, B.E. 1999. Saugeye in Texas. Presented at the Annual Meeting of the North Central Division, American Fisheries Society, Walleye Technical Committee, Dubuque, Iowa, July 20.
- Ward, N. 1999. The Texas Parks and Wildlife ShareLunker Program. Presented at the Annual Midyear Meeting of the Southern Division, American Fisheries Society, Chattanooga, Tennessee, February 24.
- Webb, M. and 7 coauthors. 1998. Evaluation of methods for establishing native aquatic vegetation in seven Texas reservoirs. Presented at the Annual Meeting of the Texas Aquatic Plant Management Society, New Braunfels, Texas, September 22.
- Webb, M. and 7 coauthors. 1999. Evaluation of methods for establishing native aquatic vegetation in seven Texas reservoirs. Presented at the Annual Meeting of the Texas Chapter, American Fisheries Society, Corpus Christi, Texas, January 26.
- Webb, M. and 7 coauthors. 1999. Evaluation of methods for establishing native aquatic vegetation in seven Texas reservoirs. Poster presented at the Annual Midyear Meeting of the Southern Division, American Fisheries Society, Chattanooga, Tennessee, February 26.
- Webb, M. and 7 coauthors. 1999. Evaluation of methods for establishing native aquatic vegetation in seven Texas reservoirs. Presented at the Annual Meeting of the Aquatic Plant Management Society, Asheville, North Carolina, July 14.
- Webb, M. and 7 coauthors. 1999. Evaluation of methods for establishing native aquatic vegetation in seven Texas reservoirs. Presented at the Summer Meeting of the Reservoir Committee, Southern Division, American Fisheries Society, Memphis, Tennessee, July 21.
- Wilde, G.R., K.G. Ostrand, D.W. Strickland and M.I. Muoneke. 1999. Mortality in Texas black bass fishing tournaments. Presented at the Annual Meeting of the Texas Chapter, American Fisheries Society, Corpus Christi, Texas, January 26.

Special Projects – Fisheries and Habitat Management

District

- 1A Brian Van Zee
Title: Alabama Spotted Bass Evaluation. Objective: Determine spawning season, age and size at maturity, growth, relative abundance, PSD, RSD, and habitat use of black basses in Alan Henry Reservoir. Approval Date: 08/21/97. Completion Date: 2004.
- 1A Brian Van Zee
Title: Saugeye Stocking Evaluation. Objective: To determine, in selected reservoirs, if stocking saugeye will create an additional sport fishery, increase total fishing pressure, and/or increase the abundance of crappie \geq 10 inches. Approval Date: 01/15/93. Completion Date: 2000.
- 1A Brian Van Zee
Title: Evaluation of the Gizzard Shad Standard Weight Equation and Development of a Redbreast Sunfish Standard Weight Equation. Objectives: 1) To develop a new standard weight (Ws) equation for gizzard shad using the regression-line-percentile (RLP) technique and data sets that represent the entire geographical range of the species; 2) to use the new gizzard shad Ws equation to evaluate the current gizzard shad Ws equation for length-related biases and based upon the results recommend use of the proper equation by fisheries managers in calculating relative weight (Wr); and 3) to develop a Ws equation for redbreast sunfish using RLP technique and data sets from the entire geographical range of the species. Approval Date: 05/01/98. Completion Date: 2000.
- 1A Brian Van Zee
Title: Assessments of the Outputs from Smith-Root 5.0 and 7.5 Electrofishers. Objectives: 1) To compare the outputs among Smith-Root 5.0 and 7.5 GPP electrofishers to determine amount of variability in waveform and current among similar electrofishers; 2) to determine if age of electrofishers, wiring schemes or accessories affect the outputs from Smith-Root 5.0 and 7.5 GPP electrofishers; 3) to compare the outputs among Smith-Root 5.0 GPP electrofishers on boats set up by Smith-Root, Inc. with boats set up by Texas fisheries biologists; and 4) to determine affects of three different resistance levels (simulating different levels of water conductivity) on the outputs of Smith-Root 5.0 and 7.5 electrofishers. Approval Date: 09/08/98. Completion Date: 1999.
- 1A Charles Munger
Title: Smallmouth Bass 18-Inch Minimum Length Limit Evaluation. Objective: Determine the effects of an 18-inch minimum length and 3-fish daily bag limit on density, size structure, growth, and angler catch, directed pressure and harvest of smallmouth bass in selected Texas reservoirs. Approval Date: 04/15/94. Completion Date: 1999.

- 1B Spencer Dumont
Title: Use of Triploid Florida Largemouth Bass in Reservoir Management.
Objectives: 1) Determine if stocking can maintain approximately 20 percent triploid largemouth bass (tFLB) in a population of largemouth bass; 2) determine the effect of stocking tFLB on the size of bass harvest by anglers for ten years after stocking; and 3) determine if angler catch and harvest of tFLB is proportionally the same as seen in the population. Approval Date: 06/03/96. Completion Date: 2007.
- 1B Spencer Dumont
Title: Evaluation of Sampling Effort Requirements for Electrofishing, Gill Net, and Trap Net Sampling Procedures in Texas Reservoirs. Objectives: Determine sampling effort required to estimate size structure and catch per unit effort with various levels of precision for target fishes in Texas reservoirs using current Texas Parks and Wildlife Department Inland Fisheries Assessment Procedures. Approval Date: 05/03/99. Completion Date: 2000.
- 1B Galen Jons
Title: Evaluation of Stocked Imperial-Strain and Native Strain Channel Catfish in Two West Texas Reservoirs. Objective: To evaluate growth characteristics, size structure and annual mortality of stocked imperial-strain and native-strain channel catfish in two West Texas reservoirs. Approval Date: 04/26/99. Completion Date: 2005.
- 1B Galen Jons
Title: Age Validation of Channel Catfish Stocked into Two West Texas Reservoirs. Objective: To validate age and growth characteristics of two strains of marked channel catfish stocked into two West Texas reservoirs. Approval Date: 04/26/99. Completion Date: 2005.
- 1C Bobby Farquhar
Title: Contribution of Supplementally Stocked Florida Largemouth Bass to Year Class Strength in West Texas Under Low Water Conditions. Objective: Determine the contribution of supplementally stocked, genetically-marked Florida largemouth bass to their year class in three west Texas reservoirs during low water conditions. Approval Date: 07/14/97. Completion Date: 2000.
- 1C John Dennis
Title: Blue Catfish 18-Inch Minimum Length and 5-Fish Daily Bag Limit Evaluation on Lakes E.V. Spence and Fort Phantom Hill, Texas. Objectives: 1) Determine if the implementation of an 18-inch minimum length, 5-fish daily bag limit on blue catfish will increase yield of blue catfish (total harvest weight) in Lake E.V. Spence and maintain or increase yield in Lake Fort Phantom Hill; 2) determine if the implementation of an 18-inch minimum length, 5-fish daily bag limit on blue catfish will increase recruitment of blue catfish up to legal size (18 inches) in Lake E.V. Spence and Lake Fort Phantom Hill; and 3) determine if the implementation of an 18-inch minimum length, 5-fish daily bag limit on blue catfish will increase CPUE_{≥18}

in Lakes E.V. Spence and Fort Phantom Hill. Approval Date: 04/15/93. Completion Date: 2000.

- 1D Jimmy Dean
Title: Relaxation of Trophy Largemouth Bass Regulations at Braunig Reservoir.
Objective: To determine the effects of reducing the minimum length limit from 21 to 18 inches and increasing the bag limit from 2 fish to 5 fish on directed pressure, angler catch rates and harvest of largemouth bass, and changes in the population structure of largemouth bass in Braunig Reservoir. Approval Date: 11/18/94. Completion Date: 2000.
- 1D Robert Zerr
Title: Effect of a 254-mm Minimum Length, 25-Fish Daily Bag Limit on White Bass in Texas. Objective: To evaluate the effects of a 254-mm minimum length, 25-fish daily bag limit on white bass density, length distribution, growth and harvest. Approval Date: 01/89. Completion Date: 2000.
- 1D Robert Zerr
Title: An Evaluation of Population Response to Implementation of an 18-Inch Minimum Length Limit and 3-Fish Daily Bag Limit on Smallmouth Bass in the Devil's River, Val Verde County, Texas. Objective: Determine the regulations impact on the population density and size structure of smallmouth bass in the Devil's River. Approval Date: 09/23/96. Completion Date: 2001.
- 1E Unassigned
Title: Effects of a 14-Inch Minimum Length Limit on Channel Catfish in Six Texas Reservoirs. Objective: To determine population structure and angler catch characteristics in six Texas reservoirs. Approval Date: 06/28/90. Completion Date: 2000.
- 2A Bruce Hysmith
Title: Angler Exploitation of Crappie on Lake Texoma. Objective: Determine the exploitation of crappie ≥ 254 mm TL by anglers on Lake Texoma. Approval Date: 11/30/93. Completion Date: 1999.
- 2A John Moczygemba
Title: Effects of Guides and Bait Types on Angler Catch and Harvest in Texas Reservoirs. Objectives: 1) To document how much of the sport fish harvest and catch can be attributed to anglers using professional guides on sixteen Texas reservoirs; and 2) to document how much of the sport fish harvest and catch can be attributed to bait type (natural or artificial). Approval Date: 11/28/95. Completion Date: 2000.
- 2B Victor DiCenzo
Title: Factors Related to the Genetic Composition of Largemouth Bass in Texas Reservoirs. Objectives: 1) Examine relations between physical, chemical, climatic, and stocking variables with the genetic composition of largemouth bass populations;

and 2) evaluate criteria for stocking Florida largemouth bass. Approval Date: 09/01/98. Completion Date: 2000.

2B John Mitchell

Title: Relative Survival of Stocked Florida Largemouth Bass and Age-0 Endemic Largemouth Bass in a Small Texas Reservoir. Objective: Determine relative survival of stocked Florida largemouth bass fingerlings and endemic largemouth bass. Approval Date: 05/16/95. Completion Date: 1998.

2B John Mitchell

Title: Population Characteristics of Striped Bass in Texas Reservoirs. Objectives: 1) To describe catch rate, condition, and length-at-age characteristics of existing reservoir striped bass fisheries in Texas; and 2) to determine relationships among striped bass population characteristics and reservoir biotic and abiotic variables. Approval Date: 11/09/98. Completion Date: 2000.

2C Stephen Magnelia

Title: Oversummer Survival of Rainbow and Brown Trout in the Canyon Reservoir Tailrace. Objectives: 1) Document and quantify oversummer survival of stocked rainbow and brown trout in the Canyon Reservoir tailrace; and 2) develop baseline age, and growth and length frequency data on the Canyon Reservoir tailrace trout population. Approval Date: 06/11/92. Completion Date: 2000.

2C John Tibbs

Title: Factors Related to the Fishing Quality and Trophy Potential of Largemouth Bass Fisheries in Texas Reservoirs. Objectives: 1) Determine the relationships among selected biotic and abiotic factors and selected indicators of quality and trophy bass fisheries; and 2) evaluate criteria for stocking Florida largemouth bass. Approval Date: 09/01/98. Completion Date: 2000.

2D Rafe Brock

Title: Evaluation of Hybrid Sunfish Stockings in Urban Impoundments. Objective: To determine optimum stocking rates of male bluegill x female green sunfish hybrids for urban lakes. Approval Date: 07/10/95. Completion Date: 2000.

2D Clell Guest

Title: Triploid Grass Carp Evaluation in Private Waters. Objective: Determine the effectiveness of triploid grass carp as a biological control of aquatic vegetation in Texas ponds. Approval Date: 04/13/93. Completion Date: 2000.

2D Clell Guest

Title: North Lake Triploid Grass Carp Study. Objective: Determine changes in abundance of aquatic vegetation in North Lake in response to implementation of an integrated vegetation management plan. Approval Date: 12/21/95. Completion Date: 2000.

- 2E Mark Howell
Title: Evaluation of Different Sizes of Advanced Channel Catfish Fingerlings Stocked in Small Texas Impoundments. Objective: Determine the contribution of two different sizes of hatchery reared advanced channel catfish fingerlings introduced into existing channel catfish populations. Approval Date: 04/13/93. Completion Date: 1999.
- 2E Mark Howell
Title: Evaluation of Three Gear Types for Sampling Channel Catfish in Small Impoundments. Objective: Compare slat traps, hoop nets, and gill nets for sampling channel catfish in small (<21 ha) impoundments in Texas. Approval Date: 04/13/93. Completion Date: 1999.
- 2E Mark Howell
Title: Validation of Pectoral Spines for Aging Channel Catfish in Small Texas Impoundments. Objective: 1) Determine accuracy of channel catfish age estimates made from pectoral spines; and 2) determine location of the first annulus on channel catfish pectoral spines. Approval Date: 12/21/95. Completion Date: 2004.
- 3A Mike Ryan
Title: Impacts of a Netting Ban on Wright Patman Reservoir. Objective: To determine changes in population structure, density, harvest and economic value of the fishery in Wright Patman Reservoir before and after a ban on netting. Approval Date: 11/06/90. Completion Date: 2000.
- 3A Mike Ryan
Title: Evaluation of an Angler Incentive Program on an Existing Trophy Largemouth Bass Fishery. Objective: To determine the rate of recapture of largemouth bass associated with an angler incentive catch and release program at Caddo Lake, Texas. Approval Date: 01/06/97. Completion Date: 2000.
- 3A Mike Ryan
Title: Genotypic Composition of a Trophy Bass Fishery. Objective: To determine genotypes of trophy largemouth bass (>8.0 lbs) 15 years following introduction of Florida largemouth bass at Caddo Lake, Texas. Approval Date: 10/16/97. Completion Date: 2000.
- 3A Mike Brice
Title: Florida Bass Introgression Following Annual Supplemental Stockings. Objective: To determine changes in genetic composition of a largemouth bass population following annual supplemental stockings of Florida largemouth bass at Caddo Lake, Texas. Approval Date: 10/16/97. Completion Date: 2000.
- 3B Kevin Storey
Title: Largemouth Bass Hooking Mortality Study. Objective: To compare relative hooking mortality of largemouth bass caught with live bait fished actively and

passively, and artificial bait fished actively. Approval Date: Unknown. Completion Date: 2000.

3B Kevin Storey

Title: Statewide Assessment of Accuracy in Field Identification of White Bass and White x Striped Bass Hybrids. Objective: To quantify the accuracy of field identification of white bass and white x striped bass hybrids using meristic and morphometric characteristics by comparison with isoelectric focusing. Approval Date: 01/04/95. Completion Date: 2000.

3C Richard Ott

Title: Effects of Length and Bag-Limits on Population Structure, Growth, and Harvest of Sunfishes at Purtil Creek State Park Lake, Texas. Objective: To assess the effect of length and bag limits on bluegill and redear sunfish size distribution, relative abundance, growth, and harvest. Approval Date: 12/09/94. Completion Date: 2000.

3D James Parks

Title: Comparison of Crappie Fisheries Under a 10-Inch Minimum Length Limit, 25-Fish Daily Bag Limit and a No Minimum Length, 50-Fish Daily Bag Limit in Two Large East Texas Reservoirs. Objective: Compare crappie population indices, densities, and growth rates in Sam Rayburn and Toledo Bend reservoirs from 1987 through 1995 and compare angler creel data from the same period to determine changes in the crappie fisheries on both lakes. Approval Date: 06/24/94. Completion Date: 2000.

RO Joe Kraai

Title: Evaluation of Intensive Stocking Rates of Striped Bass and Hybrid Striped Bass and Its Effects on the Gizzard Shad Populations of Two Highly-Eutrophic Urban Reservoirs in West Texas. Objective: To determine if stocking striped bass and hybrid striped bass at high densities will reduce the abundance of large gizzard shad and create a more useful forage population. Approval Date: 05/01/91. Completion Date: 1999.

RO Joe Kraai

Title: Yellow Perch Life History Study. Objective: Determine life history information including age and size at maturity, fecundity, spawning season, food habits, impacts on other panfish communities, usage as food by predators, and contribution to the fishery for yellow perch in Greenbelt Reservoir. Approval Date: 04/03/95. Completion Date: 1999.

Austin Fred Janssen

Title: A Comparison of Population Indices for Fishes Collected from Subjectively and Randomly Selected Sampling Sites at Twelve Texas Reservoirs. Objective: 1) To compare catch rates and structural indices for target species captured at subjectively and randomly selected sampling sites; and 2) to compare effort (man-hours) required to conduct three survey techniques (frame nets, gill nets and

electrofishing) at subjectively and randomly selected sampling sites. Approval Date: 09/22/94. Completion Date: 2000.

Special Projects – Education and Outreach

Reese Sparrow

Title: Smallmouth Bass Culture in Texas. Objective: Document the techniques developed at Dundee Fish Hatchery for the smallmouth bass program. Approval Date: 11/98. Completion Date: 2001.

Reese Sparrow

Title: Intensive culture of smallmouth bass. Objective: Document techniques for intensive production of smallmouth fingerlings. Approval Date: 11/98. Completion Date: 12/2000.

Debbie Wade

Title: Effect of prey size on Florida Largemouth Bass future broodfish growth and prey utilization. Objective: Determine which of two size groups of forage (koi carp) provides better use of prey by and better growth of age 1 Florida largemouth bass. Approval Date: 04/12/95. Completion Date: 12/2000.

Tony Owens

Title: Evaluation of Two Sex Ratios for Florida Largemouth Bass Spawning in Raceways. Objectives: Compare the effects of 1 male:1 female and 1 male:1.7 females ratios of Florida largemouth bass broodfish on number and weight of spawns produced daily and during the study period, and on number of fry produced. Approval Date: 03/21/00. Completion Date: 2001.

Special Projects – Fish Hatcheries

A. E. Wood Hatchery

Loraine Fries

Title: Fluctuating Asymmetry and Initial Evidence of Inbreeding in two Introduced Populations of Striped Bass. Objective: To investigate genetic diversity in striped bass populations. Approval Date: 04/15/94. Completion Date: 12/2000.

Loraine Fries

Title: Production of Tetraploid Largemouth Bass. Objectives: 1) To test a variety of timing and pressure regimes for the production of viable tetraploid largemouth bass. The ultimate goal is to cross the tetraploid with diploid largemouth bass to produce triploid largemouth bass. Approval Date: 06/18/99. Completion Date: 2002.

Ted Engelhart

Title: Intensive Spawning and Mass production of koi carp fry. Objective: To document the techniques developed at the A. E. Wood Hatchery for mass production of koi carp fry. Approval Date: 11/98. Completion Date: 2001.

Jake Isaac

Title: Paddlefish density and feeding in relation to total length in raceways.

Objectives: 1) To document techniques developed at the A. E. Wood hatchery for production of paddlefish fingerlings. 2) Examine the relationship among fish density, feeding rate and growth. Approval Date: 10/98. Completion Date: 2002.

Gerald Kurten

Title: Evaluation of Stocking, Harvest and Zooplankton Variables in Ponds for Rearing Florida largemouth Bass Fingerlings. Objective: To investigate by modeling variables which maximize the production of 38-mm fingerlings. Approval Date: 12/95. Completion Date: 12/2000.

Amy Schieberle

Title: Production Performance of Wild stock and Imperial stock Channel Catfish Fingerlings in Hatchery Ponds. Objective: Determine differences in growth rate, feed conversion and survival between wild stock and imperial stock channel catfish for the 75-225-mm production period. Approval Date: 07/28/98. Completion Date: 12/2000.

Dale Lyon

Title: Evaluation of Two Sex Ratios for Florida Largemouth Bass Spawning in Raceways. Objectives: Compare the effects of 1 male:1 female and 1 male:1.7 females ratios of Florida largemouth bass broodfish on number and weight of spawns produced daily and during the study period, and on number of fry produced. Approval Date: 03/21/00. Completion Date: 2001.

Dale Lyon

Title: Enumeration of Florida largemouth bass fry: an index for gravimetric estimation of numbers. Objectives: 1) Evaluate the accuracy of the Jensorter fry counter for Florida largemouth bass fry enumeration. 2) Develop an index (fry/g) for estimation of numbers of Florida largemouth bass fry and determine influence of water temperature, fish age and fish length on estimation of fry numbers by weight. 3) Compare the index from this study with the index (275 fry/g) developed several years ago. Approval Date: 03/24/00. Completion Date: 12/2000.

Dale Lyon

Title: Effects of Time-of-Feeding on Raceway Culture of Channel Catfish. Objectives: Determine if night feeding improves growth, survival, feed conversion, and size uniformity of channel catfish. 2) Evaluate the effect of night feeding on attaining channel catfish of 250 mm or greater between July and November. Approval Date: 06/29/00. Completion Date: 2002.

Jasper Fish Hatchery

Thomas Wyatt

Title: Comparison of hydrated lime and agricultural lime for the production of Florida largemouth bass in earthen ponds. Objective: Determine if hydrated lime will improve water

quality and Florida largemouth bass fingerling production and reduce cost of liming fish production ponds. Approval Date: 1/99. Completion Date: 12/2000.

Lee Hall

Title: Comparison of number of Replicates for Enumeration of Blue Catfish. Objective: Determine, given a particular sample size, the number of replicates that will provide a mean number of fry/g with variance of no more than 10% of the mean 80% of the time for estimation of blue catfish fry. Approval Date: 4/98. Completion Date: 12/2000/

Possum Kingdom Hatchery

John Paret

Title: Effect of stocking density on growth performance of fingerling koi carp in plastic-lined ponds. Objectives: 1) Determine which of three stocking densities enhances length and weight gain, size uniformity, condition (W_r), percent return, feed conversion, and harvest biomass of fingerling koi carp. 2) Determine the optimal stocking density for the production of 7.6-cm (3-inch) koi carp at the Possum Kingdom State Fish Hatchery. Approval Date: 6/97. Completion Date: 2002.

John Paret:

Title: Comparison of three cottonseed regimes in hybrid striped bass fingerling production ponds. Objective: Determine the effects of three cottonseed meal application treatments on hybrid striped bass fingerlings production, water quality and zooplankton density in plastic-lined ponds. Approval Date: 4/95. Completion Date: 12/2000.

Dundee Hatchery

Dennis Smith

Title: Effects of Plastic-lined Pond Bottom Sediments on Production of Florida Largemouth Bass Fingerlings. Objective: Determine differences in water quality, zooplankton population density, benthic insect population density, and prey selection by and production of Florida largemouth bass fingerlings between plastic-lined ponds with and without bottom sediments. Approval Date: 04/05/94. Completion Date: 12/2000.

Dennis Smith

Title: Evaluation of Hydrogen Peroxide to Control Fungus During Intensive Incubation of Smallmouth Bass Eggs and Fry. Objective: Determine an effective dosage of hydrogen peroxide for control of fungus on smallmouth eggs and fry. Approval Date: 03/31/00. Completion date: 2001.

Jason Vajnar

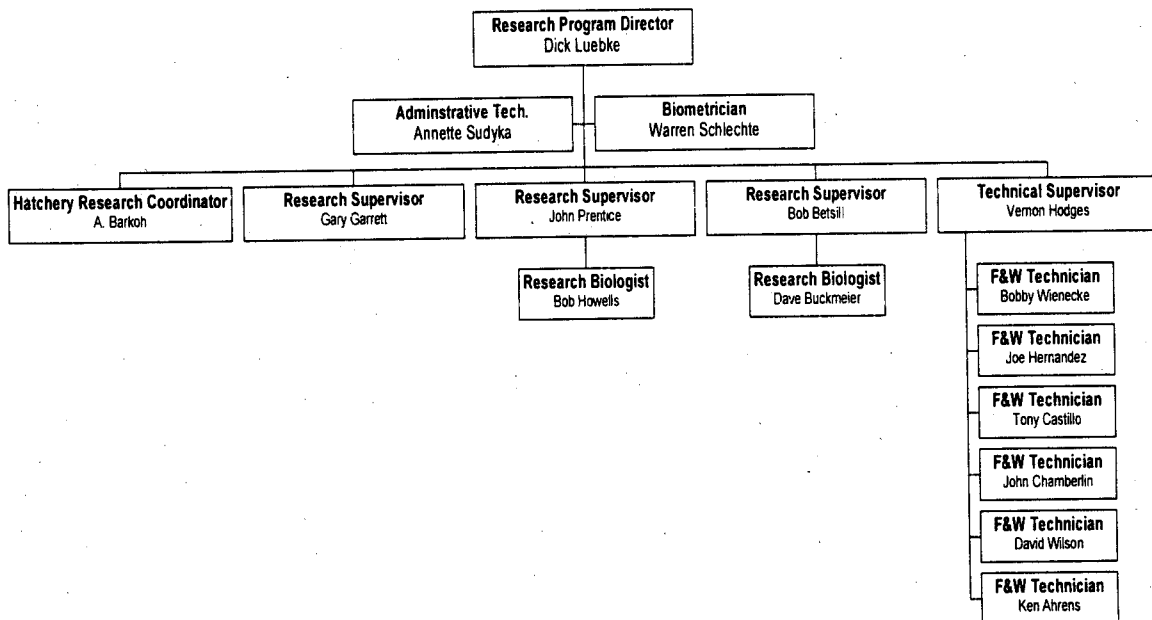
Title: Comparison of Three Feeding Regimens on Production of Koi Carp Fingerlings. Objectives: 1) Determine at what size koi carp fry switches from zooplankton to commercial feed in earthen ponds. 2) Determine which of three feeding regimens best promotes growth and production of koi carp fingerlings. Approval Date: 4/98. Completion Date: 12/2000.

Tom Dorzab

Title: Determination of the Relationship between *Chaetoceros sp.* and the Morbidity and Mortality of Hatchery Fish. Objective: Determine a correlation between the presence or density of *Chaetoceros sp.* and fish morbidity and mortality in hatchery ponds. Approval Date: 5/2000. Completion Date: 2001.

Organization

Fisheries Research



EDUCATION AND OUTREACH



Goal

Dedicated to the understanding, celebration and conservation of freshwater sport fishing in Texas through excellence in education, aquaculture, exhibitory and community relations.

Rationale

Provide individuals with a unique and exciting opportunity to observe and better understand aquatic life and its management in Texas. Exposure is provided to fisheries management surveys and inventories, fish hatchery operations, scientific research, applied fishery management, fishes and aquatic habitats, and the support anglers and boaters provide to conservation. The educational messages are designed to encourage sport fishing as a recreational activity with "hands-on" angling opportunities provided.

Facility

Texas Freshwater Fisheries Center

- Location – Texas Freshwater Fisheries Center (TFFC) is located in Henderson County, 4 miles East of Athens, Texas on 109 acres of land close to Lake Athens.
- Construction Date – The 26,000 ft² visitor center, which included 300,000 gallons of outside aquariums, 1.5-acre fishing pond, 3,000 ft² Anglers' Pavilion, 150-seat theater with a 25,000-gallon aquarium, 24,656 ft² intensive culture building, water quality lab, genetic labs, and 2,788 ft² maintenance building, were completed on November 19, 1996. The extensive culture facilities, which included 45 lined ponds with a combined area of 37.3 acres was completed on August 31, 1998.
- Renovation History – None.

Responsibilities

Visitor Center

- Perform a vital public relations and education function through visitor center tours, hatchery tours, school visitation, public lectures, angler recognition programs, educational workshops, fishing pond experiences, and ShareLunker Program.
- Increase public knowledge of Inland Fisheries Management, Research and Hatcheries.
- Provide partners/sponsors with successful avenue to promote their conservation ethic.

- Involve the public in the conservation and enhancement of trophy bass fishing in Texas through the ShareLunker Program.
- Administer the Angler Recognition program.
- Culture 56 different species of fish, reptiles, and mammals for educational displays.
- Generate project income and grants to help support the Visitor Center.
- Establish a volunteer program to assist with the daily operations of the Visitor Center.
- Actively market and promote TFFC to increase visitation.
- Maintain facilities and equipment for peak operation.

Hatchery

- Culture five different species of fish and stock into public waters.
- Conduct aquaculture research designed to increase hatchery productivity and efficiency.
- Develop a largemouth bass selective breeding program.
- Maintain facilities and equipment for peak operation.

Program Costs

The total cost for the Education and Outreach and Hatchery Programs for FY99 was \$1,255,674.

Accomplishments

Texas Freshwater Fisheries Center (TFFC) - Visitor Center

- Open to the public for 307 days.
- 60,293 visitors of which 19,537 were youth.
- Generated \$318,301 in project income.
- Gave one scientific presentation about outreach efforts.
- Hosted four adult angler education workshops.
- Hosted a one-day student/teacher workshop.

- Hosted a two-day teacher education workshop.
- Added the visitor center displays: Caddo Lake, Go Fish Texas Map, Pelagic Fish, World Record Largemouth Bass, and World Record Flathead Catfish.
- Completed the following facilities improvements: Streamside Café, added six new marketing offices to the angler pavilion, and 10,000 ft² of Texas Wildflower displays.
- 31 volunteers donated 7,306 hours to the center.
- Renovated the Zebco Casting pond..
- Produced information to outdoor writers and TV programs.
- Moved the Angler Recognition program to Athens which gave 857 awards (107 – State Record, 389 – Water Body Records, 237 – Big Fish Awards, 96 – Catch and Release Awards, 22 – Outstanding Angler Awards, and 6 – First Fish Awards).
- Generated over \$62,500 in grants and donations.
- Received the 1999 Award of Excellence from the American Sportfishing Association.
- Received the 1999 Award for the Best Sport Fish Restoration Education and Outreach Project.

Hatchery

- Closed the Tyler Hatchery and moved all equipment and fish to TFFC.
- Had a successful ShareLunker year with 17 fish donated, 16 spawns, and 54,922 ShareLunker fingerlings stocked into public water.
- Held and stocked 53,622 rainbow trout.
- Reared and stocked 12,307 paddlefish.
- Reared and stocked 110,172 smallmouth bass.
- Reared and stocked 39,528 channel catfish.
- Produced, reared, and stocked 1,142,059 Florida largemouth bass.

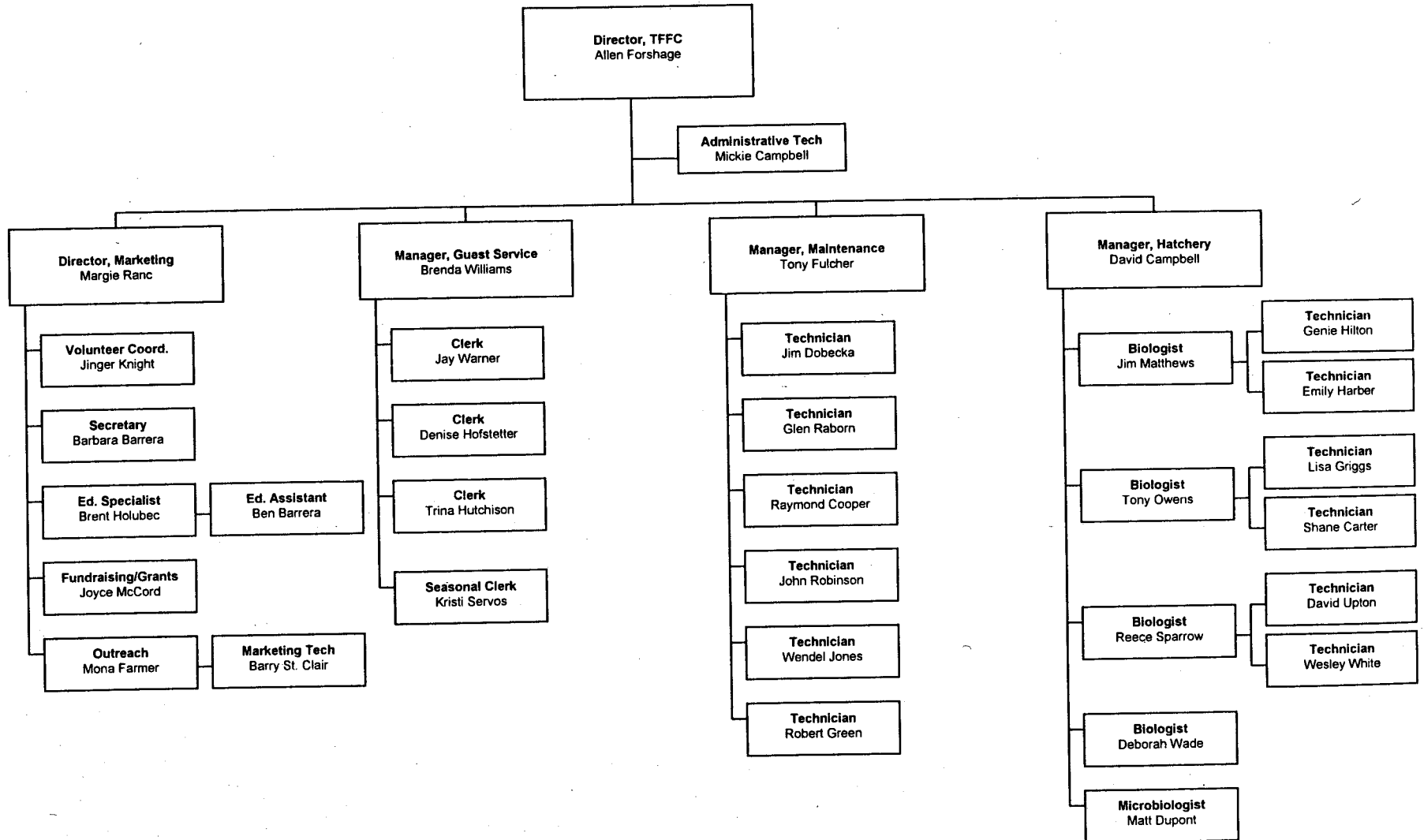
- Made the following major repairs to the hatchery facility: replaced 70 drain valves, replaced 200 feet of 2-inch domestic water line, repaired two 14-inch water line leaks, installed new ozone generator, replaced one heat pump, reshaped 1,500 feet of drain ditches, overhauled microstrainer, removed 500,000 cubic feet of excess dirt from the facility, and repaired pump and effluent SCADA controls.
- Gave two scientific presentations about research being conducted at TFFC.

Special Projects

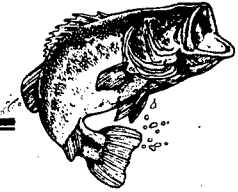
Special projects are included in the **Fisheries Research** section on page 37. These activities are research oriented and are coordinated through Fisheries Research biologists.

Organization

Texas Freshwater Fisheries Center Athens



FISH HATCHERIES



Goal

To meet the stocking needs for Texas public waters as determined by Inland Fisheries resource management teams.

Rationale

Freshwater fish hatcheries are an important component of Inland Fisheries resource management. Hatchery-reared fish are used to establish new fish populations, enhance existing populations, support research efforts, and maintain put-and-take or put-grow-and-take fisheries in small urban reservoirs where natural production will not meet angling needs.

Facilities

Dundee State Fish Hatchery

- Location – The Dundee State Fish Hatchery is located directly below Lake Diversion approximately 23 miles southwest of Wichita Falls in Archer County.
- Construction Date – Original construction in 1927 included 44 earthen ponds totaling 32.9 acres. Water for the facility is acquired by gravity flow through 14- and 30-inch pipelines from Lake Diversion.
- Renovation History – Hatchery ponds were renovated in 1958 and expanded to 91 earthen ponds totaling 78.31 acres in 1977. In 1993 75% of the production ponds received complete renovation including plastic liners and state-of-the-art harvest basins.

Possum Kingdom State Fish Hatchery

- Location – The Possum Kingdom State Fish Hatchery is located below Possum Kingdom Reservoir Dam 10 miles north of Brad, Texas in Palo Pinto County.
- Construction Date – The original 44 earthen ponds totaling 28.98 acres were constructed in 1950.
- Renovation History – In 1993 an intensive incubation and rearing building (60'x 90') was constructed. Additionally, pond liners were installed in 75% of the production ponds in 1994.

A.E. Wood State Fish Hatchery

- Location – The A. E. Wood State Fish Hatchery is a state-of-the-art fish production facility located in Hays County just south of San Marcos, Texas on the San Marcos River.
- Construction Date – Original construction was completed in 1949 and consisted of 92 earthen ponds totaling 61.02 acres of water.
- Renovation History – The hatchery was completely renovated in 1989 to include 50 plastic lined ponds totaling 46.25 acres and a 33,000 square foot production building at a cost of \$14 million. Housed in the culture building are 8 concrete raceways (80'x8'x3') for intensive production and spawning, 22 fiberglass holding troughs (20'x2. 5'x2'), a state-of-the-art incubation facility and laboratory. The culture building also houses a 19,000 square foot basement used as mechanical and storage areas.

Jasper State Fish Hatchery

- Location – The Jasper State Fish Hatchery is located 10 miles northwest of Jasper, Texas in Jasper County.
- Construction Date – The original 33 earthen ponds totaling 42.44 acres were constructed in 1932.
- Renovation History – Thirty additional earthen ponds totaling 21.5 acres were constructed in 1947. In 1993 an intensive incubation and rearing building (60'x 90') was constructed.

Athens State Fish Hatchery (Texas Fresh Water Fisheries Center)

This hatchery facility plays an important role in the mission of the Texas Freshwater Fisheries Center (see page 42) to provide public understanding of water resources and aquatic life forms, as related to sport fish, and develop responsible attitudes toward the aquatic environment. Operation and maintenance of the hatchery, with assistance from Fish Hatcheries, is an Education and Outreach responsibility.

Responsibilities

Support resource management needs by:

- Culturing requested species for stocking.
- Conducting aquaculture research designed to increase productivity and efficiency.
- Ensure health and genetic integrity of stocked species.

- Perform vital public affairs and education functions through hatchery tours, public lectures and school visitations.
- Maintain facilities and equipment for peak operation.

Program Costs

The total cost for the State's fish hatcheries was \$2,418,326 (including culture staff at TFFC).

Accomplishments

Species Stocked in Public Waters

The following species were stocked in public waters during 1999:

Adults

<u>Species</u>	<u>Total Stocked</u>
Bass, Florida Largemouth	343
Bass, Largemouth	149
Rainbow Trout	229,558
Catfish, Channel	8,482

Fingerlings

<u>Species</u>	<u>Total Stocked</u>
Bass, Florida Largemouth	8,015,592
Bass, Largemouth	65,621
Bass, Smallmouth	1,050,091
Bass, Striped	3,155,426
Bass, Hybrid Striped	2,377,090
Sunfish	278,677
Rainbow Trout	27,755
Catfish, Channel	314,088
Catfish, Blue	277,459
Paddlefish	47,033
Saugeye	70,477
Walleye	20,049
Red Drum	1,570,335

Fry

<u>Species</u>	<u>Total Stocked</u>
Bass, Florida Largemouth	16,071
Bass, Striped	3,030,000
Bass, Hybrid Striped	12,250,000

Special Project Activities

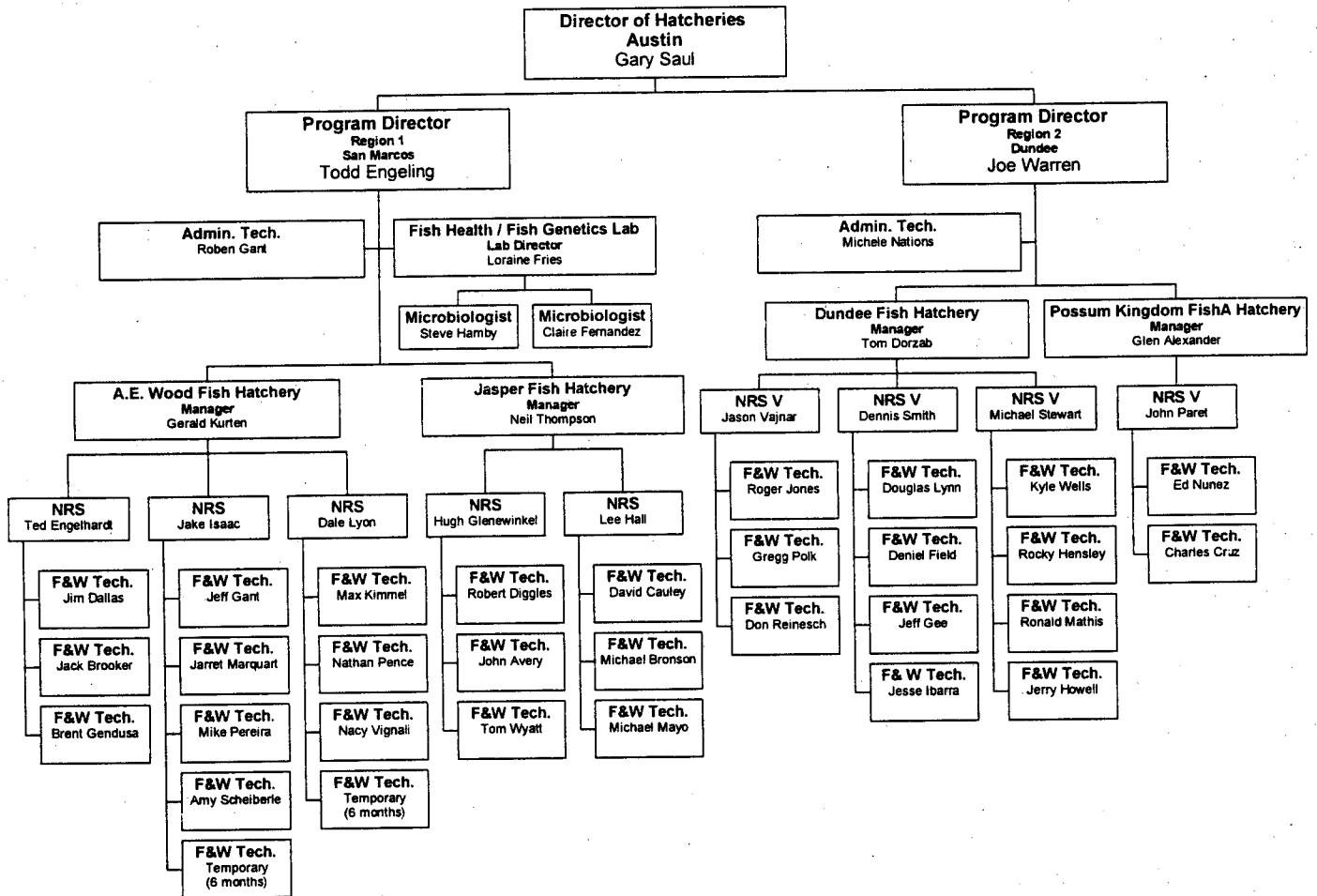
Special projects are included in **Fisheries Research** section on page 37. These activities are research in nature and are a by-product of routine hatchery operations. Study designs are coordinated through Fisheries Research biologists.

Other Activities

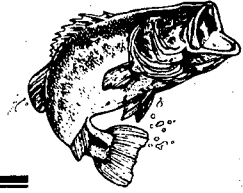
- Completed facility improvement feasibility studies at Jasper and Possum Kingdom fish hatcheries.
- Began Construction of an effluent treatment plant at AEW.
- TPDES permits were issued to Jasper, Possum Kingdom and Dundee fish hatcheries by the TNRCC.

Organization

Inland Fisheries Hatcheries



APPENDIX



**DIVISION PERSONNEL
DIRECTORY**

INLAND FISHERIES DIVISION DIRECTORY

Org. Code	Name and Address	Region/District	Classification Title	Functional Title	E-Mail Address	Phone
B3221000102	Durocher, Philip P. 4200 Smith School Rd. Austin, TX 78744	Austin Headquarters	Division Director III	Division Director	phil.durocher@texas etc	Work: 512/389-4643 Fax: 512/389-8112
B3221000102	Carter, Neil 4200 Smith School Rd. Austin, TX 78744	Austin Headquarters	Prog. Admn. V	Fed. Aid Coord.	nick.carter@tpwd.state.tx.us	Work: 512/389-4641 Fax: 512/389-4388
B3221000102	Chilton, II, Earl W. 4200 Smith School Rd. Austin, TX 78744	Austin Headquarters	Manager IV	Staff Sup. Spec.	earl.chilton@tpwd.state.tx.us	Work: 512/389-4652 Fax: 512/389-4388
B3221000102	Godfrey, Donna 4200 Smith School Rd Austin, Tx 78744	Austin Headquarters	Secretary IV (Part Time)			Work: 512 389-4444 Fax: 512 389-4405
B3221000102	Gray, Joedy D. 4200 Smith School Rd. Austin, TX 78744	Austin Headquarters	Manager IV	Staff Sup. Spec. I	joedy.gray@tpwd.state.tx.us	Work: 512/389-8037 Fax: 512/389-4388
B3221000102	Hawkins, Paula 4200 Smith School Rd. Austin, TX 78744	Austin Headquarters	Staff Serv. Officer I	Budget Manager	paula.hawkins@tpwd.state.tx.us	Work: 512/389-4859 Fax: 512/389-4388
B3221000102	Janssen, Fred 4200 Smith School Road Austin, TX 78744	Austin Headquarters	NRS V	Data Analyst	fjanssen@tpwd.state.tx.us	Work: 512/389-4655 Fax: 512/389-4388
B3221000102	Kurzawski, Ken 4200 Smith School Rd. Austin, TX 78744	Austin Headquarters	Manager IV	Staff Sup. Spec. II	ken.kurzawski@tpwd.state.tx.us	Work: 512/389-4591 Fax: 512/389-4388
B3221000102	Muoneke, Maurice 4200 Smith School Road Austin, TX 78744	Austin Headquarters	NRS V		maurice.muoneke@tpwd.state.tx.us	Work: 512/389-4338 Fax: 512/389-4388
B3221000102	Nix, Nell 4200 Smith School Rd Austin, TX 78744	Austin Headquarters	Admin Tech III	Admn. Assistant	nell.nix@tpwd.state.tx.us	Work: 512 389-8110 Fax: 512 389-8112
B3221000102	Plant, Melissa J. 4200 Smith School Rd. Austin, TX 78744	Austin Headquarters	Ad Tech II		melissa.plant@tpwd.state.tx.us	Work: 512/389-4594 Fax: 512/389-4388
B3221000102	Provine, Bill 4200 Smith School Rd. Austin, TX 78744	Austin Headquarters	Manager V	Director, Management & Research	bill.provine@tpwd.state.tx.us	Work: 512/389-4855 Fax: 512/389-4388
B3221000102	Saul, Gary 4200 Smith School Rd. Austin, TX 78744	Austin Headquarters	Manager V	Director, Hatcheries	gary.saul@tpwd.state.tx.us	Work: 512/389-8082 Fax: 512/389-4388
B3221000102	Smith, Timothy O. 4200 Smith School Rd Austin, TX 78744	Austin Headquarters	NRS V	Human Dimensions Res Specialist	timothy.smith@tpwd.state.tx.us	Work: 512 389-4826 Fax: 512 389-4405
B3221100009	Kraai, Joe 3407 B South Chadbourne St. San Angelo, TX 76903	Region I Office San Angelo	Manager V	Regional Director	jkraai@airmail.net	Work: 915/651-4846 Fax: 915/651-4752

INLAND FISHERIES DIVISION DIRECTORY

Org. Code	Name and Address	Region/District	Classification Title	Functional Title	E-Mail Address	Phone
B3221100009	Gavigan, Susan 3407 B South Chadbourne St. San Angelo, TX 76903	Region I Office San Angelo	Admn. Tech IV	Admn. Assistant	sgavigan@airmail.net	Work: 915/651-4846 Fax: 915/651-4752
B3221100009	Strickland, Dan 3407 B South Chadbourne St. San Angelo, TX 76903	Region I Office San Angelo	Programmer III		dstrictk@airmail.net	Work: 915/651-4846 Fax: 915/651-4752
B3221100103	Munger, Charles R. P.O. Box 835 Canyon, TX 79015	District I - A Canyon	NRS V	District Supervisor	cmunger@arn.net	Work: 806/655-4341 Fax: 806/655-8104
B3221100103	Deleon, David J. P.O. Box 835 Canyon, TX 79015	District I - A Canyon	F&W Tech. IV			Work: 806/655-4341 Fax: 806/655-8104
B3221100103	Hoy, James T. P.O. Box 835 Canyon, TX 79015	District I - A Canyon	F&W Tech. IV			Work: 806/655-4341 Fax: 806/655-8104
B3221100103	Van Zee, Brian P.O. Box 835 Canyon, TX 79015	District I - A Canyon	NRS III		tpwla@arn.net	Work: 806/655-4341 Fax: 806/655-8104
B3221100155	Dumont, Spencer 5325 N. 3rd St. Abilene, TX 79603	District I - B Abilene	NRS V	District Supervisor	sdumont@camalott.com	Work: 915/692-0921 Fax: 915/698-3528
B3221100155	Benson, Lance M 5325 N 3rd Abilene, TX 79603	District I - B Abilene	F W Tech II			Work: (915) 692-0921 Fax: 915 698-3528
B3221100155	Cole, Robert L. 5325 N. 3rd St. Abilene, TX 79603	District I - B Abilene	F&W Tech. IV			Work: 915/692-0921 Fax: 915/698-3528
B3221100155	Jons, Galen 5325 N. 3rd St. Abilene, TX 79603	District I - B Abilene	NRS III	Mgmt. Biologist	tpwdif@camalott.com	Work: 915/692-0921 Fax: 915/698-3528
B3221100271	Farquhar, Bobby W. 4002 N. Chadbourne St. San Angelo, TX 76903	District I - C San Angelo	NRS V	District Supervisor	Ifdist1c@airmail.net	Work: 915/655-9413 Fax: 915/655-1907
B3221100271	Cruz, Henry L. 4002 N. Chadbourne St. San Angelo, TX 76903	District I - C San Angelo	F&W Tech. IV			Work: 915/655-9413 Fax: 915/655-1907
B3221100271	Dennis, John A. 4002 N. Chadbourne St. San Angelo, TX 76903	District I - C San Angelo	NRS IV	Mgmt. Biologist	ifdist1c@airmail.net	Work: 915/655-9413 Fax: 915/655-1907
B3221100271	Ingle, John R. 4002 N. Chadbourne St. San Angelo, TX 76903	District I - C San Angelo	F&W Tech. III			Work: 915/655/9413 Fax: 915/655-1907
B3221100493	Dean, Jimmy (Wilford J) 134 Braniff Dr.	District I - D San Antonio	NRS V	District Supervisor	tpwdifid@dcci.com	Work: 210/348-6355 Fax: 210/366-2319

INLAND FISHERIES DIVISION DIRECTORY

Org. Code	Name and Address	Region/District	Classification Title	Functional Title	E-Mail Address	Phone
	San Antonio, TX 78216-3301					
B3221100493	Cordova, Jimmy S. 134 Braniff Dr San Antonio, TX 78216-3301	District I - D San Antonio	F&W Tech II			Work: 210 348-6355 Fax: 210 366-2319
B3221100493	Driscoll, Jason 134 Braniff Dr San Antonio, TX 78216-3301	District I - D San Antonio	F&W Tech I			Work: 210 348-6355 Fax 210 366/2319
B3221100493	Hilderand, Gregory A 134 Braniff Dr San Antonio, Tx 78216-3301	District I - D San Antonio	FW Tech II			Work: 210 348-6255 Fax: 210 366-2319
B3222200208	McDougall, Charles Eugene 134 Braniff San Antonio, TX78216	District I - D San Antonio	F W Tech II			Work: 210 348-6355 Fax: 210 366-2319
B3221100493	Schaefer, Peter 134 Braniff San Antonio, TX 78216	District I - D San Antonio	FW Tech II			Work: 210 348-6355 Fax: 210 366-2319
B3221100493	Zerr, Bob W. 134 Braniff Dr. San Antonio, TX 78216-3301	District I - D San Antonio	NRS IV	Mgmt. Biologist		Work: 210/348-6355 Fax: 210/366-2319
B3221100622	Findeisen, John P.O. Box 116 Mathis, TX 78368-0166	District I - E Mathis	NRS V		lfdist1e@the-i.net	Work: 361/547-9712 Fax: 361/547-7225
B3221100622	Cardona, Rey P.O. Box 116 Mathis, TX 78368-0166	District I - E Mathis	F&W Tech. IV		lfdist1e@the-i.net	Work: 361 /547-9712 Fax: 361 547-7225
B3221100622	Elder, Howard S. P O Box 116 Mathis, Texas 78368-0116	District I - E Mathis	NRS II			Work 361 547-9712 Fax 361 547-7225
B3221100622	Medrano, Ramiro P.O. Box 116 Mathis, TX 78368-0166	District I - E Mathis	F&W Tech. II			Work: 361 547-9712 Fax: 361 547-7225
B3221200267	McCabe, Roger 1601 E. Crest Dr. Waco, TX 76705-1555	Region II Office-Waco	Manager V	Regional Director	rmccabe@texnet.net	Work: 254/867-7974 Fax: 254/867-6839
B3221200006	Berry, Patsy 1601 E. Crest Dr Waco, TX 76705	Region II Office-Waco	Admn. Tech. IV	Admn. Assistant	pberry@texnet.net	Work: 254/867-7973 Fax: 254/867-6839
B3221200006	Cummings, William Chris 1601 E. Crest Dr. Waco, TX 76705-1555	Region II Office-Waco	Programmer III		ccummings@texnet.net	Work: 254/867-7975 Fax: 254/867-6839
B3221200019	Hysmith, Bruce 628 Lariat Drive Denison, TX 75021-4200	District II - A Denison	NRS V	District Supervisor	fisheries@texoma.net	Work: 903/786-2389 Fax: 903/786-9871
B3221200019	Le Clair, James	District II - A Denison	FW Tech II			Work: 903 786-2389

INLAND FISHERIES DIVISION DIRECTORY

Org. Code	Name and Address	Region/District	Classification Title	Functional Title	E-Mail Address	Phone
	District 2-A 628 Lariat Drive Denison, Texas 75021-4200					Fax: 903 786-9871
B3221200019	Littrell, Brad 628 Lariat Dr Denixon, TX 75021-4200	District II - A Denison	Maintenance Technician I Intern I.			Work: 903/786-2389 FaxL 903/786-9871
B3221200019	Moczygamba, John H. 628 Lariat Drive Denison, TX 75021-4200	District II - A Denison	NRS IV	Mgmt. Biologist	fisheries@texoma.net	Work: 903/786-2389 Fax: 903/786-9871
B3221200019	Robinson, Todd 628 Lariat Drive Denison, TX 75021-4200	District II - A Denison	F&W Tech. II			Work: 903/786-2389 Fax: 903/786-9871
B3221200049	Tibbs, John 8684 LaVillage Waco, TX 76712	District II - B Waco	NRS V		jtitbbs@texnet.net	Work: 254 666-5190 Fax: 254 666-4297
B3221200020	Baird, Michael S 8684 La Village Ave Waco, TX 76712	District II - B Waco	NRS III-A	Mgmt Biologist		Work: 254 666-5190 Fax: 254 666-4297
B3221200020	Cortez, Jr., Milton 8684 La Village Ave. Waco, TX 76712-8618	District II - B Waco	F&W Tech. III			Work: 254/666-5190 Fax: 254/666-4297
B3221200020	Teat, William Floyd 8684 La Village Ave. Waco, TX 76712-8618	District II - B Waco	F&W Tech. IV			Work: 254/666-5190 Fax: 254/ 666-4297
B3221200049	Magnelia, Steve 505 Staples Road San Marcos, TX 78666	District II - C San Marcos	NRS V	District Supervisor	stephan_magnelia@tpwd.state.tx.us	Work: 512/353-0072 Fax: 512/353-7304
B3221300128	Bonds, Craig 505 Staples Rd San Marcos, TX 78666	District II - C San Marcos	NRS III	Mgmt Biologist	craig_bonds@tpwd.state.tx.us	Work: 512 353-0072 Fax: 512 353-7304
B3221200049	Contreras, Jessie 505 Staples Road San Marcos, TX 78666	District II - C San Marcos	F&W Tech. IV			Work: 512/353-0072 Fax: 512/353-7304
B3221200049	Tennant, Michael 505 Staples Road San Marcos, TX 78666	District II - C San Marcos	F&W Tech. II			Work: 512/353-0072 Fax: 512/353-7304
B3221200193	Guest, Wm. Clell 6200 Hatchery Rd. Fort Worth, TX 76114-2413	District II - D Ft. Worth	NRS V	District Supervisor	tpwd2d@flash.net	Work: 817/732-0761 Fax: 817/377-4569
B3221200193	Bickel, Kenneth E. 6200 Hatchery Rd. Fort Worth, TX 76114-2413	District II - D Ft. Worth	F&W Tech. IV			Work: 817/732-0761 Fax: 817/377-4569
B3221200193	Brock, Raphael E. 6200 Hatchery Rd. Fort Worth, TX 78667-0947	District II - D Ft. Worth	NRS III			Work: 817/732-0761 Fax: 817/377-4569

INLAND FISHERIES DIVISION DIRECTORY

Org. Code	Name and Address	Region/District	Classification Title	Functional Title	E-Mail Address	Phone
B3221200193	Wallace, Andrew 6200 Hatchery Rd. Fort Worth, TX 76114-2413	District II - D Ft. Worth	F&W Tech. II			Work: 817/732-0761 Fax: 817/377-4569
B3221200267	Howell, Mark H. 409 Chester Ave. Wichita Falls, TX 76301-5304	District II - E -Wichita Falls	NRS V	District Supervisor	tpwdif2f@wf.net	Work: 940/766-2383 Fax: 940/766-1496
B3221200267	Dutter, Westley William 409 Chester Ave Wichita Falls, TX 76301-5304	District II - E -Wichita Falls	F&W Tech II			Work:940 766-2383 Fax: 940 766-1496
B3221200267	Hise, Steven 409 Chester Dr Wichita Falls, TX 76301-5304	District II - E -Wichita Falls	F W Tech I			Work: 940 766-2383 Fax: 940 766-1496
B3221300037	Terre, David 11810 FM 848 Tyler, TX 75707	Region III Office-Tyler	Manager V	Regional Director	dterre@tyler.net	Work: 903/566-1615 Fax:903/566-1546
B3221200267	Mauk, Robert 409 Chester Avenue Wichita Falls, TX 76301-5304	District II - E -Wichita Falls	NRS III		tpwdif2f@wf.net	Work: 940/766-2383 Fax: 940/766-1496
B3221300037	Green, Jimmie 11810 FM 848 Tyler, TX 75707	Region III Office-Tyler	Admin Tech IV	Admn. Assistant	jimmie_green@tpwd.state.tx.us jgreen@tcainetnet.com	Work: 903 566-5835 Fax: 903 566-3542
B3221300037	Lewis, Danny 11810 FM 848 Tyler, TX 75707	Region III Office-Tyler	Programmer III		dlewis@tyler.net	Work: 903/566-1615 Fax: 903 566-1546
B3221300128	McKethan, Brian 11810 FM 848 Tyler, TX 75707	Region III Office-Tyler	F&W Tech. III			Work: 903 566-2161 Fax: 903 566-3542
B3221300062	Ryan, Michael 3802 E. End Blvd. S. Marshall, TX 75672-9705	District III - A Marshall	NRS V	District Supervisor	tpwdif3a@prysm.net	Work: 903/938-1007 Fax: 903/938-8652
B3221300062	Brice, Michael 3802 E. End Blvd. S. Marshall, TX 75672-9705	District III - A Marshall	NRS III	Mgmt. Biologist	tpwdif3a@prysm.net	Work: 903/938-1007 Fax: 903/938-8652
B3221300062	Tallant, Michael 3802 E. End Blvd S. Marshall, TX 75672-9705	District III - A Marshall	F&W Tech. II		tpwdif3a@prysm.net	Work: 903/938-1007 Fax: 903/938-8652
B3221300115	Storey, Kevin Winston 2122 Henderson Hwy. Tyler, TX 75702-6400	District III - B Tyler	Natural Resource Specialist V	District Supervisor	tpwdif3b@ballistic.com	Work: 903/593-5077 Fax: 903/531-0109
B3221300115	Myers, Randall Allen 2122 Old Henderson Hwy Tyler, TX 75702	District III - B Tyler	NRS III-A			Work: 903 593-5077 Fax: 903 531-0109
B3221300115	Pickett, William G. 2122 Old Henderson Hwy. Tyler, TX 75702-6400	District III - B Tyler	F&W Tech. IV		tpwdif3b@ballistic.com	Work: 903/593-5077 Fax: 903/531-0109

INLAND FISHERIES DIVISION DIRECTORY

Org. Code	Name and Address	Region/District	Classification Title	Functional Title	E-Mail Address	Phone
B3221300115	Pratas, Kirk S. 2122 Old Henderson Hwy. Tyler, TX 75702-6400	District III - B Tyler	F&W Tech. IV		tpwdif3b@ballistic.com	Work: 903/593-5077 Fax: 903/531-0109
B3221300128	Ott, Jr., Richard 11942 FM 848 Tyler, TX 75707-5234	District III - C Tyler	NRS V	District Supervisor	rott@tyler.net	Work: 903/566-2161 Fax: 903/566-3542 903 566-1546
B3221300128	Bister, Timothy John 11810 FM 848 Tyler, Texas 75707	District III - C Tyler	NRS III-A			Work: 903 566-2161 Fax:903 566-3542
B3221300128	Minson, Billie L. 11942 FM 848 Tyler, TX 75707-5234	District III - C Tyler	F&W Tech. IV			Work: 903/566-5835 Fax: 903/566-3542
B3221300179	Driscoll, Michael Todd Rt 2, Box 535 Jasper, TX 75951	District III - D Jasper	NRS V	District Supervisor	todd3d@jas.net	Work: 409 384-9572 Fax: 409 384-4984
B3221300179	Moorhead, Joe Rt 2, Box 535 Jasper, TX 75951	District III - D Jasper	FW Tech II			Work: 409 384-9572 Fax: 409 384-4984
B3221300179	Parks, James RR 2, Box 535 Jasper, TX 75951-9685	District III - D Jasper	NRS IV	Mgmt. Biologist	parksj@jas.net	Work: 409/384-9572 Fax: 409/384-4984
B3221300179	Ratcliff, Michael J. RR 2, Box 535 Jasper, TX 75951-9685	District III - D Jasper	F&W Tech IV		pauls@jas.net	Work: 409 384-9572 Fax 409 384-4984
B3221300179	Ray, Jr., Arthur (Pete) RR 2, Box 535 Jasper, TX 75951-9685	District III - D Jasper	F&W Tech. IV		pauls@jas.net	Work: 409/384-9572 Fax: 409/384-4984
B3221300317	Webb, Mark 1004 E. 26th Street Bryan, TX 77803-7800	District III - E Bryan	NRS V	District Supervisor	bryanif@mail.myriad.net	Work: 979/822-5067 Fax: 979/823-5860
B3221300317	Dorsett, Dawn 1004 E 26th St Bryan, TX 77803	District III - E Bryan	F W Tech III			Work: 979 822-5067 Fax: 979 823-5860
B3221300317	Gore, Michael Scott 1004 E. 26th St Bryan, TX 77803	District III - E Bryan	F W Tech I			Work: 979 822-5067 Fax: 979/823-5860
B3221300317	Henson, Jeffrey 1004 E. 26th St. Bryan, TX 77803-7800	District III - E Bryan	NRS III	Mgmt. Biologist	bryanif@mail.myriad.net	Work: 979/822-5067 Fax: 979/823-5860
B3221300317	Johnson, Bill 1004 E. 26th St. Bryan, TX 77803-7800	District III - E Bryan	F&W Tech. IV		bryanif@mail.myriad.net	Work: 979/822-5067 Fax: 979/823-5860
B3221000102	Helton, Rhandy J. RR 7, Box 11-2 Jasper, TX 75951-9202	District III -Aquatic Vegetation Control - Jasper	NRS V	Habitat Enhanc. Superv.	tpwdhabitat@inu.net	Work: 409/384-9965 Fax: 409/384-4984

INLAND FISHERIES DIVISION DIRECTORY

Org. Code	Name and Address	Region/District	Classification Title	Functional Title	E-Mail Address	Phone
B3221000102	Boatman, Carl E. RR 7, Box 11-2 Jasper, TX 75951-9202	District III - Aquatic Vegetation Control - Jasper	F&W Tech. IV		tdhabitat@inu.net	Work: 409/384-9965 Fax: 409/384-4984
B3221000141	VACANT RR 7, Box 11-2 Jasper, TX 75951-9202	District III - Aquatic Vegetation Control - Jasper				Work: 409/384-9965 Fax: 409/384-4984
B3223000129	Luebke, Dick HCR7, Box 62 Ingram, TX 78025	Heart of the Hills	Manager V	Program Director	rwl@ktc.com	Work: 830/866-3356 Fax: 830/866-3549
B3223000129	Ahrens, Kenneth HCR 7, Box 62 Ingram, TX 78025	Heart of the Hills	F&W Tech. II			Work: 830/866-3356 Fax: 830/866-3549
B3223000129	Barkoh, Aaron HCR 7, Box 62 Ingram, TX 78025	Heart of the Hills	NRS V	Research Biologist	aaron@ktc.com	Work: 830/866-3356 Fax: 830/866-3656
B3223000129	Betsill, Robert A HCR 7 Box 62 Ingram, TX 78025	Heart of the Hills	NRS V	Research Biologist	rkb@ktc.com	Work: 830/866-3356 Fax: 830/866-3549
B3223000129	Buckmeier, David HCR 7, Box 62 Ingram, TX 78025	Heart of the Hills	NRS III	Research Biologist	daveb@ktc.com	Work: 830/866-3356 Fax: 830/866-3549
B3223000129	Castillo, Antonio HCR 7, Box 62 Ingram, TX 78025	Heart of the Hills	F&W Tech. IV			Work: 830/866-3356 Fax: 830/866-3549
B3223000129	Clark, Steven HCR-7, Box 62 Ingram, TX 78025	Heart of the Hills	F&W Tech II			Work: 830 866-3356 Fax: 830 866-3549
B3223000129	Garrett, Gary HCR 7, Box 62 Ingram, TX 78025	Heart of the Hills	NRS V		gpg@ktc.com	Work: 830/866-3356 Fax: 830/866-3549
B3223000129	Hernandez, Joe L. HCR 7, Box 62 Ingram, TX 78025	Heart of the Hills	F&W Tech. IV			Work: 830/866-3356 Fax: 830/866-3549
B3223000129	Hodges, Vernon L. HCR 7, Box 62 Ingram, TX 78025	Heart of the Hills	NRS IV			Work: 830/866-3356 Fax: 830/866-3549
B3223000129	Howells, Robert G. HCR 7, Box 62 Ingram, TX 78025	Heart of the Hills	NRS IV		rhowells@ktc.com	Work: 830/866-3356 Fax: 830/866-3549
B3223000129	Prentice, John A. HCR 7, Box 62 Ingram, TX 78025-9324	Heart of the Hills	NRS V		jprentic@ktc.com	Work: 830/866-3356 Fax: 830/866-3549
B3223000129	Schlechte, J Warren HCR-7, Box 62 Ingram, TX 78025	Heart of the Hills	NRS V		wschlech@ktc.com	Work: 830 866-3356 Fax: 830 866-3656

INLAND FISHERIES DIVISION DIRECTORY

Org. Code	Name and Address	Region/District	Classification Title	Functional Title	E-Mail Address	Phone
B3223000129	Sudyka, Annette HCR 7, Box 62 Ingram, TX 78025	Heart of the Hills	Admn. Tech. IV	Admn. Assistant	ams@ktc.com	Work: 830/866-3356 Fax: 830/866-3549
B32230001298	Wienecke, Robert HCR 7, Box 62 Ingram, TX 78025	Heart of the Hills	F&W Tech IV			Work: 830/866-3356 Fax: 830/866-3549
B3223000129	Wilson, David HCR 7, Box 62 Ingram, TX 78025	Heart of the Hills	F&W Tech. III			Work: 830/866-3356 Fax: 830/866-3549
B3222300030	Forshage, Allen 5550 FM 2495 Athens, TX 75751-6381	TFFC-Athens	Manager V	TFFC Director	allen.forshage@tpwd.state.tx.us	Work: 903/676-2277 ext. 224 Fax: 903/676-3474 Direct line: 903 670-2224
B3222300030	Campbell, David 5550 FM 2495 Athens, TX 75751-6381	TFFC-Athens	NRS V	Hatch./Exhibits Director	david.campbell@tpwd.state.tx.us	Work: 903/676-2277 ext. 230 Fax: 903/676-3474
B3222300030	Barrera, Barbara 5550 FM 2495 Athens, TX 75751-6381	TFFC-Athens	Secretary III	Secretary	barbara.barrera@tpwd.state.tx.us	Work: 903/676-2277 Fax: 903/676-3474
B3222300030	Barrera, Ben 5550 FM 2495 Athens, TX 75751-6381	TFFC-Athens	F&W Tech. II	Education		Work: 906/676-2277 Fax: 903/676-3474
B3222300030	Campbell, Mickie 5550 FM 2495 Athens, TX 75751-6381	TFFC-Athens	Admn. Tech. IV	Admn. Assistant	mickie.campbell@tpwd.state.tx.us	Work: 903/676-2277 ext. 226 Fax: 903/676-3474
B3222300030	Carter, Stephen 5550 FM 2495 Athens, TX 75751-6381	TFFC-Athens	F&W Tech. III	Intensive Culture	No department email	Work: 903/676-2277 ext. 332 Fax: 903/676-3474
B3222200206	Cooper, Raymond 5550 FM 2495 Athens, TX 75751	TFFC-Athens	F&W Tech. IV	Maintenance		Work: 903/676-2277 Fax: 903/676-3474
B3222300030	Dobecka, James 5550 FM 2495 Athens, TX 75751-6381	TFFC-Athens	F&W Tech. III	Maintenance	jim.dobeka@tpwd.state.etc	Work: 903/676-2277 Fax: 903/676-3474
B3222300030	DuPont, Matthew W. 5550 FM 2495 Athens, TX 75751	TFFC Athens	NRS III	Geneticist	matthew.dupont@tpwd etc	Work: 903 676-2277 Fax: 903 676-3474 Direct Line: 903 670-2235
B3222300030	Farmer, Mona A. 5550 FM 2495 Athens, TX 75751-6381	TFFC-Athens	Info. Spec. III	Marketing	None	Work: 903/676-2277 ext. 228 Fax: 903/676-3474 Direct line: 903 670-

INLAND FISHERIES DIVISION-DIRECTORY

Org. Code	Name and Address	Region/District	Classification Title	Functional Title	E-Mail Address	Phone
						2238
B3222300030	Fulcher, Anthony 5550 FM 2495 Athens, TX 75751-6381	TFFC-Athens	Prog Admin II	Maintenance Mgr I	tony.fulcher@tpwd.state.tx.us	Work: 903/676-2277 ext. 443 Fax: 903/676-3474 Direct line: 903 670-2243
B3222300030	Gillentine, Amy 5550 FM 2495 Athens, TX 75751-6381	TFFC Athens	Clerk IV	Part time Visitor Services Clerk		Work: 903 676-2277 Fax: 903 676-3474
B3222300030	Green, Robert 5550 FM 2495 Athens, TX 75751-6381	TFFC Athens	F&W Tech II			Work: 903 676-2277 Fax: 903 676-3474
B3222300030	Griggs, Lisa M. 5550 FM 2495 Athens, TX 75751-6381	TFFC-Athens	F&W Tech. III	Intensive Technician	No department email	Work: 903/676-2277 ext. 336 Fax: 903/676-3474
B3222300030	Harber, Emily Jean 5550 FM 2495 Athens, Texas 75751-6381	TFFC Athens	FW Tech II	Exhibits Technician	No department email	Work: 903 676-2277 Fax: 903 676-3474
B3222300030	Hilton, Genie (Dixie) 5550 FM 2495. Athens, TX 75751-6381	TFFC-Athens	F&W Tech. III	Exhibits Technician	No department email	Work: 903/676-2277 ext. 334 Fax: 903/676-3474
B3222300030	Hofstetter, Denise 5550 FM 2495 Athens, TX 75751-6381	TFFC-Athens	Clerk IV	Visitors Services		Work: 903 676-2277 Fax: 903 676-3474
B3222300030	Holubec, Brent 5550 FM 2495 Athens, Tx 75751-6381	TFFC Athens	Trng Spec III	Education Coordinator	brent.holubec@tpwd.state.tx.us	Work: 903 676-2277; Fax: 903 676-3474 Direct line: 903 670-2211
B3222300030	Hutchison, Trina 5550 FM 2495 Athens, TX 75751-6381	TFFC-Athens	Clerk IV	Visitor Services		Work: 903 676-2277 Fax: 903 676-3474
B3222300030	Jones, Wendel Wayne 5550 FM 2495 Athens, TX 75751-6381	TFFC-Athens	F&W Tech. III	Maintenance	wendel.jones@tpwd.state.tx.us	Work: 903/676-2277 Fax: 903/676-3474
B3222300030	Knight, Jinger 5550 FM 2495 Athens, TX 75751-6381	TFFC Athens	F&W Tech III	Volunteer Coordinator	jinger.knight@tpwd.state.tx.us jknight@tyler.net	Work: 903 676-2277 x227 Fax: 903 676-3474 Direct line: 903 670-2227
B3222300030	Matthews, James Hardy 5550 FM 2495 Athens, TX 75751-6381	TFFC-Athens	NRS III	Exhibits Curator	jim.matthews@tpwd.state.tx.us	Work: 903/676-2277 ext. 337 Fax: 903/676-3474 Direct line: 903 670-2237

INLAND FISHERIES DIVISION DIRECTORY

Org. Code	Name and Address	Region/District	Classification Title	Functional Title	E-Mail Address	Phone
B3222300030	McCord, Joyce 5550 FM 2495 Athens, TX 75751-6381	TFFC Athens	Programmer Administrator I (for Margie Ranc)	Grants Coordinator	joyce.mccord@tpwd.state.tx.us	Work: 903 670-2212 Fax: 903 677-2694
B3222200206	Owens, Tony 5550 FM 2495 Athens, TX 75751-6381	TFFC-Athens	NRS III-A	Intensive Culture	tony_owens@tpwd.state.tx.us	Work: 903/676-2277 Fax: 903/676-3474 Direct line: 903 670-2236
B3222300030	Raborn, Glenn 5550 FM 2495 Athens, TX 75751-6381	TFFC-Athens	F&W Tech. III	Maintenance	glenn.raborn@tpwd.state.tx.us	Work: 903/676-2277 Fax: 903/676-3474
B3222300030	Ranc, Mary Margaret 5550 FM 2495 Athens, TX 75701-6381	TFFC Athens	Manager IV	Marketing Director	margie_ranc@tpwd.state.tx.us	Work: 903 676-2277 Fax: 903 676-3474
B3222300030	Robinson, John 5550 FM 2495 Athens, TX 75751	TFFC Athens	F&W Tech III	Maintenance	john.robinson@tpwd.state.tx.us	Work: 903 676-2277 Fax: 903 676-3474
B322 300030	Servos, Kristie Renee 5550 FM 2495 Athens, Texas 75751-6381	TFFC Athens	Clerk IV	Visitor Services		Work: 903 676-2277 Fax: 903 676-3474
B3222300030	Sparrow, Reese L. 5550 FM 2495 Athens, TX 75751-6381	TFFC-Athens	NRS III	Extensive Culture	reese.sparrow@tpwd.state.tx.us	Work: 903/676-2277 Fax: 903/676-3474 Direct line: 903 670-2285
B3222300030	St. Clair, Barry 5550 FM 2495 Athens, TX 75751-6381	TFFC-Athens	F&W Tech. II	Marketing/ Education	barry.stclair@tpwd.state.tx.us	Work: 903/676-2277 ext. 345 Fax: 903/676-3474 Direct Line: 903 676-2222
B3222300030	Upton, David 5550 FM 2495 Athens, TX 75751-6381	TFFC Athens	F&W Tech II	Extensive Technician		Work: 903 676-2277 Fax: 903 676-3474
B3222200206	Wade, Deborah 5550 FM 2495 Athens, TX 75751-6381	TFFC-Athens	NRS III	Biologist	deborah.wade@tpwd.state.tx.us	Work: 903 6702234 903 676-2277 Fax: 903/676-3474
B3222	Warner, Alonzo (Jay) 5550 FM Athens, TX 75751-6381	TFFC-Athens	Clerk IV	Visitors Services		Work: 903/676-2277 Fax: 903/676-3474
B3222300030	White, Truman 5550 FM 2495 Athens, TX 75751-6381	TFFC Athens	F&W Tech II	Extensive Technician		Work: 903 676-2277 Fax: 903 676-3474
B3222300030	Williams, Brenda 5550 FM 2495 Athens, TX 75751-6381	TFFC-Athens	Staff Serv. Officer I	Visitor Service Director	brenda.williams@tpwd.state.tx.us	Work: 903/676-2277 ext. 232 Fax: 903/676-3474 Direct line: 903 670-2232
B3222300030	Winfrey, Cody	TFFC Athens	Groundskeeper III			Work: 903/676-2277

INLAND FISHERIES DIVISION DIRECTORY

Org. Code	Name and Address	Region/District	Classification Title	Functional Title	E-Mail Address	Phone
	5550 FM2495 Athens, TX 75751-6381		Intern II			Fax: 903/676-3474
B3221000102	Warren, Harry Joe RR 1, Box 123-A Electra, TX 76360-9502	Dundee Hatchery-Electra	Manager V	Program Director	jwarren@wf.net	Work: 940/586-1203 Fax: 940/586-0089
B3222100036	Dorzab, Thomas A. RR 1, Box 123-A Electra, TX 76360-9502	Dundee Hatchery-Electra	NRS V	Hatchery Manager	tdorzab@wf.net	Work: 940/586-1203 Fax: 940/586-1540
B3222200568	Field, Daniel Wayne Rt 1, Box 123A Electra, TX 76360	Dundee Hatchery-Electra	F W Tech II			Work: 940 586-1203 Fax: 940 586-0089
B3222100036	Gee, Jeffrey RR 1, Box 123-A Electra, TX 76306-9502	Dundee Hatchery-Electra	F&W Tech. II			Work: 940/586-1203 Fax: 940/586-1540
B3222100036	Hensley, Rocky RR 1, Box 123-A Electra, TX 76360-9502	Dundee Hatchery-Electra	F&W Tech III		rockyhensley@hotmail.com	Work: 940/586-1203 Fax: 940/586-1540
B32221100036	Howell, Jerry RR 1, Box 123-A Electra, TX 76360-9502	Dundee Hatchery-Electra	F&W Tech. IV		No email address	Work: 940/586-1203 Fax: 940/586-1540
B3222100036	Ibarra, Jr., Jesse RR 1, Box 123-A Electra, TX 76360-9502	Dundee Hatchery-Electra-	F&W Tech. III			Work: 940/586-1203 Fax: 940/586-1540
B3222100036	Lynn, Douglas (Allan) RR 1, Box 123-A Electra, TX 76360-9502	Dundee Hatchery-Electra	F&W Tech. II			Work: 940/586-1203 Fax: 940/586-1540
B3222100036	Mathis, Ronald Barksdale RR 1, Box 123-A Electra, TX 76306-9502	Dundee Hatchery-Electra	F&W Tech. II		ronmathis@hotmail.com	Work: 940/586-1203 Fax: 940/586-1540
B3222100036	Nations, Michele A. RR 1, Box 123-A Electra, TX 76360-9502	Dundee Hatchery-Electra	Admn. Tech. IV	Admn. Assistant	mnations@wf.net	Work: 940/586-1203 Fax: 940/586-0089
B3222100036	Polk, Gregory L. RR 1, Box 123-A Electra, TX 76360-9502	Dundee Hatchery-Electra	F&W Tech. III			Work: 940/586-1203 Fax: 940/586-1540
B3222100036	Reinisch, Donald RR1, Box 123 A Electra, TX 76360-9502	Dundee Hatchery-Electra	F&W Tech II		No email address	Work: 940 586-1203 ext 25 Fax: 940 586-1540
B3222200036	Smith, Dennis Rt 1, Box 123A Electra, TX 76360	Dundee Hatchery-Electra	NRS III	Hatchery Biologist	dgsmith@wf.net	Work: 940 586-1203 Fax: 940 586-1540
B3222100036	Vajnar, Jason RR 1, Box 123-A Electra, TX 76360-9502	Dundee Hatchery-Electra	NRS III-A		jvajnar@wf.net	Work: 940/586-1203 Fax: 940/586-1540

INLAND FISHERIES DIVISION DIRECTORY

Org. Code	Name and Address	Region/District	Classification Title	Functional Title	E-Mail Address	Phone
B3222100036	Wells, Kyle RR 1, Box 123-A Electra, TX 76360-9502	Dundee Hatchery-Electra	F&W Tech. III			Work: 940/586-1203 Fax: 940/586-0089
B3222100208	Isaac Jr, Jake 600 Hwy 16 South Graford, TX 76449	Possum Kingdom-Graford	NRS V A	Hatchery Manager		Work: 940/779-2301 Fax: 940/779-2670
B3221300128	Cruz, Charles 600 Hwy 16 South Graford, TX 76449	Possum Kingdom -Graford	F W Tech II			Work: 940 779-2301 Fax. 940 779-2670
B3222100208	Nunez, Eduardo 600 Hwy 16 South Graford, TX 76449	Possum Kingdom-Graford	F&W Tech. IV			Work: 940/779-2301 Fax: 940/779-2670
B3222100208	Paret, John 600 Hwy 16 South Graford, TX 76449	Possum Kingdom-Graford	NRS IV-A	Hatchery Biologist	pkfhxtra@wf.net	Work: 940/779-2301 Fax: 940/779-2670
B3222200366	Engeling, Todd 507 Staples Road San Marcos, TX 78666	A.E. Wood Hatchery	Manager V	Program Director	todd.engling@tpwd.state.tx.us	Work: 512/353-0313 Fax: 512/353-0629
B3222200568	Kurten, Gerald L. 507 Staples Rd San Marcos, TX 78666	A E Wood Hatchery	NRS V	Hatchery Manager	gerald.kurten@tpwd.state.tx.us	Work: 512 353-0572 Fax: 512 353-0629
B3222200568	Brooker, Jack 507 Staples Road San Marcos, TX 78666	A.E. Wood Hatchery	F&W Tech. IV			Work: 512/353-3494 Fax: 512/353-0629
B3222200568	Dallas, Jim 507 Staples Road San Marcos, TX 78666	A.E. Wood Hatchery	F&W Tech. IV			Work: 512/353-3494 Fax: 512/353-0629
B3222200568	Engelhardt, Ted 507 Staples Road San Marcos, TX 78666	A.E. Wood Hatchery	NRS IV		ted.engelhardt@tpwd.state.tx.us	Work: 512/353-0572 Fax: 512/353-0629
B3222200568	Fernandez, Claire 507 Staples Road San Marcos, TX 78666	A.E. Wood Hatchery	Microbiologist III		claire.fernandez@tpwd.state.tx.us	Work: 512/353-3495 Fax: 512/353-0629
B3222200568	Fries, Loraine 507 Staples Road San Marcos, TX 78666	A.E. Wood Hatchery	NRS V		loraine.fries@tpwd.state.tx.us	Work: 512/353-0572 Fax: 512/353-0629
B3222200568	Gant, Jeff 507 Staples Rd San Marcos, TX 78666	A.E. Wood Hatchery	F W Tech II			Work: 512 353-0313 Fax: 523 353-0629
B3222200366	Gant, Roben 507 Staples Road San Marcos, TX 78666	A.E. Wood Hatchery	Admn. Tech. IV	Admn. Assistant	roben.gant@tpwd.state.tx.us	Work: 512/353-0313 Fax: 512/353-0629
B3222200568	Gendusa, (Michael)Brent 507 Staples Road San Marcos, TX 78666	A.E. Wood Hatchery	F&W Tech. IV			Work: 512/353-3494 Fax: 512/353-0629

INLAND FISHERIES DIVISION DIRECTORY

Org. Code	Name and Address	Region/District	Classification Title	Functional Title	E-Mail Address	Phone
B3222200568	Hamby, Steven C. 507 Staples Road San Marcos, TX 78666	A.E. Wood Hatchery	Microbiologist III		steven.hamby@tpwd.state.tx.us	Work: 512/353-3495 Fax: 512/353-0629
B3222200568	Kimmel, Max 507 Staples Road San Marcos, TX 78666	A.E. Wood Hatchery	F&W Tech. III			Work: 512/353-3492 Fax: 512/353-0629
B3222200568	Lyon, Dale 507 Staples Rd San Marcos, TX 78666	A E Wood Hatchery	NRS III		dale.lyon@tpwd.state.tx.us	Work: 512 353-0572 Fax 512 353-0629
B3222200568	Marquart, Jarret 507 Staples Road San Marcos, TX 78666	A.E. Wood Hatchery	F&W Tech. III		+	Work: 512/353-3492 Fax: 512/353-0629
B3222200568	Pence, Nathan 507 Staples Rd San Marcos, TX 78666	A E Wood Hatchery	F&W Tech II			Work: 512 353-0572 Fax: 512 353-0629
B3222200568	Pereira, Michael 507 Staples Road San Marcos, TX 78666	A.E. Wood Hatchery	F&W Tech. II			Work: 512/353-3492 Fax: 512/353-0629
B3222200568	Southard, Gregory 507 Staples Rd San Marcoc, TX 78666	A E Wood Hatchery	Microbiologist III			Work:512/353-0572 Fax: 512/353-0629
B3222200568	Thibodeaux, Amy 507 Staples Rd San Marcos, TX 78666	A E Wood Hatchery	F W Tech II			Work: 512/ 353-3492 Fax 512/ 353-0629
B3222200568	Vignali, Nancy 507 Staples Road San Marcos, TX 78666	A.E. Wood Hatchery	F&W Tech. III			Work: 512/353-3492 Fax: 512/353-0629
B3222100568	Walker, David W 507 Staples Rd San Marcos, TX 78666	A E Wood Hatchery	F W Tech I			Work: 512 353-0572 Fax : 512 353-0629
B3222100568	Whisenant, Adam S 507 Staples Rd San Marcos, TX78666	A E Wood Hatchery	F W Tech I			Work: 512 353-0572 Fax: 512 303-0629
B3222200250	Thompson, Neil RR 2, Box 535 Jasper, TX 75951-9685	Jasper Hatchery	NRS V	Hatchery Manager	jasperfh@sat.net	Work: 409/384-2221 Fax: 409/384-4984
B3222200250	Avery, John RR2, Box 535 Jasper, TX 75951-9685	Jasper Hatchery	F&W Tech. III			Work: 409/384-2221 Fax: 409/384-4984
B3222200250	Bronson, Michael RR 2, Box 535 Jasper, TX 75951-9685	Jasper Hatchery	F&W Tech. III			Work: 409/384-2221 Fax: 409/384-4984
B3222200250	Cauley, David E. RR 2, Box 535 Jasper, TX 75951-9685	Jasper Hatchery	F&W Tech. IV			Work: 409/384-2221 Fax: 409/384-4984

INLAND FISHERIES DIVISION DIRECTORY

Org. Code	Name and Address	Region/District	Classification Title	Functional Title	E-Mail Address	Phone
B3222200250	Diggles, Robert L. RR 2, Box 535 Jasper, TX 75951-9685	Jasper Hatchery	F&W Tech. III			Work: 409/384-2221 Fax: 409/384-4984
B3222100250	Glenewinkel, Elmer Hugh RR2, Gos 535 Jasper, TX 75951-9685	Jasper Hatchery	NRS II			Work: 409 384-2221 Fax: 409 384-4984
B3222200250	Hall, Belva Lee RR 2, Box 535 Jasper, TX 75951-9685	Jasper Hatchery	NRS III			Work: 409/384-2221 Fax: 409/384-4984
B3222200250	Mayo, Michael C. RR 2, Box 535 Jasper, TX 75951-9685	Jasper Hatchery	F&W Tech. III			Work: 409/384-2221 Fax: 409/384-4984
B3222200250	Wyatt, Thomas A. RR 2, Box 535 Jasper, TX 75951	Jasper Hatchery	F&W Tech. II			Work: 409/384-2221 Fax: 409/384-4984

**TEXAS PARKS AND WILDLIFE DEPARTMENT
IFS CHART OF ACCOUNTS**

TPWD IFS CHART OF ACCOUNTS
PROJECT SEGMENT
INLAND FISHERIES

PROJECT	DESCRIPTION	TASK	DESCRIPTION	GRANT
FAAIF	General Administration - Inland Fisheries	XX	Unspecified	STATE
		HA	Hatchery General Administration	STATE
FRMIF	Inland Fisheries Resource Management	XX	Unspecified	STATE
		TT	Training	STATE
		CO	Computer Programming	STATE
		SY	Accident Prevention/Safety Training	STATE
		BB	Angler Awareness/Education	STATE
		FW	Applied Management Activities	STATE
		NN	Angler Recognition	STATE
		PA	Public Assistance / Presentations	STATE
		BC	Braunig - Calaveras Project	STATE
		SRES	Sam Rayburn Economic Study	STATE
		TBES	Toledo Bend Economic Study	STATE
		SES	Statewide Economic Study	STATE
XRM	Risk Management	XX	Unspecified	STATE
ACE	Security - Austin HQ Security	XX	Unspecified	STATE
XDR	Disaster Recovery	XX	Unspecified	STATE
XDS	Department Safety Program	XX	Unspecified	STATE
XEM	Energy Management	XX	Unspecified	STATE
LEMA	Emergency Management Program Administration	XX	Unspecified	STATE
PBB	Parks Enforcement and Safety	XX	Unspecified	STATE
RSEN1	Senate Bill 1	XX	Unspecified	STATE
FAA22	General Administration - F22D	XX	Unspecified	F22D
FFD22	Heart-of-the-Hills Fisheries Research Station	NF	New Facilities Development	F22D
		HX	General Operations/Maintenance	F22D
		RF	Renovation of Facilities	F22D
FAS	Artificial Streams	XX	Unspecified	STATE
FAA30	General Administration - F30R	XX	Unspecified	F30R
FRM30	Freshwater Fisheries Monitoring and Management	XX	Unspecified	F30R
		HX	Maintenance	F30R
		SM	Scoping Meetings	F30R
		DM	Data Management	F30R
		ES	Electrofishing	F30R
		FG	Gill Netting	F30R
		FJ	Frame Netting	F30R
		HM	Harvest Monitoring	F30R
		RA	Other Monitoring	F30R
		PL	General Planning	F30R
		SR	Survey	F30R
		FW	Applied Management Activities	F30R

TPWD IFS CHART OF ACCOUNTS
PROJECT SEGMENT
INLAND FISHERIES

PROJECT	DESCRIPTION	TASK	DESCRIPTION	GRANT
NVR30	Native Vegetation Restoration	XX	Unspecified	F30R
FRC30	River Recreation	XX	Unspecified	F30R
FAA31	General Administration - F31R	XX	Unspecified	F31R
IR066	Florida Largemouth Bass Growout Study	XX	Unspecified	F31R
IR077	Assessment of Paddlefish Stockings	XX	Unspecified	F31R
IR086	Coppernose Bluegill Evaluation	XX	Unspecified	F31R
IRO91	Florida Largemouth Bass Stocking Evaluation	XX	Unspecified	F31R
IR092	Channel and Blue Catfish Catchability Comparison II	XX	Unspecified	F31R
IRO93	Fish Marking Techniques for Eval Fry and Fing Stk	XX	Unspecified	F31R
FAA101	General Administration - F101D	XX	Unspecified	F101D
FFD101	A E Wood FH	NF	New Facilities Development	F101D
		HX	General Operations/Maintenance	F101D
		RF	Renovation of Facilities	F101D
FGB101	Guadalupe Bass - F101D	XX	Unspecified	F101D
FNC101	Florida Bass - F101D	XX	Unspecified	F101D
FNE101	Smallmouth Bass - F101D	XX	Unspecified	F101D
FNG101	Coppernose Bluegill - F101D	XX	Unspecified	F101D
FNL101	Trout - F101D	XX	Unspecified	F101D
FNM101	Walleye - F101D	XX	Unspecified	F101D
FNN101	Striped Bass - F101D	XX	Unspecified	F101D
FNO101	White X Striped Hybrid F101D	XX	Unspecified	F101D
FNQ101	White Crappie - F101D	XX	Unspecified	F101D
FNT101	Other Hybrids - F101D	XX	Unspecified	F101D
FOB101	Northern Largemouth Bass - F101D	XX	Unspecified	F101D
FOC101	Channel Catfish - F101D	XX	Unspecified	F101D
FOD101	Blue Catfish - F101D	XX	Unspecified	F101D
FOF101	Flathead Catfish - F101D	XX	Unspecified	F101D
FOR101	Forage - F101D	XX	Unspecified	F101D
FOS101	Native Sunfish - F101D	XX	Unspecified	F101D
FPF101	Paddle Fish - F101D	XX	Unspecified	F101D
FTR101	Trout - State	XX	Unspecified	STATE
FUR101	Red Drum - F101D	XX	Unspecified	F101D
FWB101	White Bass - F101D	XX	Unspecified	F101D
FNV101	Other Species - F101D	XX	Unspecified	F101D
FFCIF	Texas Freshwater Fisheries Center	MG	Gift Shop	STATE
		MA	Admissions	STATE
		MK	Marketing	STATE
		SL	Sharelunker program	STATE
FAA90	General Administration - F90D	XX	Unspecified	F90D
FFD90	Texas Freshwater Fisheries Center	NF	New Facilities Development	F90D
		HX	General Operations/Maintenance	F90D
		RF	Renovation of Facilities	F90D
FGB90	Guadalupe Bass - F90D	XX	Unspecified	F90D
FNC90	Florida Bass - F90D	XX	Unspecified	F90D
		SL	Sharelunker	F90D

TPWD IFS CHART OF ACCOUNTS
PROJECT SEGMENT
INLAND FISHERIES

PROJECT	DESCRIPTION	TASK	DESCRIPTION	GRANT
FNE90	Smallmouth Bass - F90D	XX	Unspecified	F90D
FNG90	coppernose Bluegill - F90D	XX	Unspecified	F90D
FNL90	Trout - F90D	XX	Unspecified	F90D
FNM90	Walleye - F90D	XX	Unspecified	F90D
FNN90	Striped Bass - F90D	XX	Unspecified	F90D
FNO90	White X Striped Hybrid F90D	XX	Unspecified	F90D
FNQ90	White Crappie - F90D	XX	Unspecified	F90D
FNT90	Other Hybrids - F90D	XX	Unspecified	F90D
FOB90	Northern Largemouth Bass - F90D	XX	Unspecified	F90D
FOC90	Channel Catfish - F90D	XX	Unspecified	F90D
FOD90	Blue Catfish - F90D	XX	Unspecified	F90D
FOF90	Flathead Catfish - F90D	XX	Unspecified	F90D
FOR90	Forage - F90D	XX	Unspecified	F90D
FOS90	Native Sunfish - F90D	XX	Unspecified	F90D
FPF90	Paddle Fish - F90D	XX	Unspecified	F90D
FTR90	Trout - State	XX	Unspecified	STATE
FUR90	Red Drum - F90D	XX	Unspecified	F90D
FWB90	White Bass - F90D	XX	Unspecified	F90D
FNV90	Other Species - F90D	XX	Unspecified	F90D
FAA95	General Administration - F95D	XX	Unspecified	F95D
FFD95	Dundee FH	NF	New Facilities Development	F95D
		HX	General Operations/Maintenance	F95D
		RF	Renovation of Facilities	F95D
FGB95	Guadalupe Bass - F95D	XX	Unspecified	F95D
FNC95	Florida Bass - F95D	XX	Unspecified	F95D
FNE95	Smallmouth Bass - F95D	XX	Unspecified	F95D
FNG95	coppernose Bluegill - F95D	XX	Unspecified	F95D
FNL95	Trout - F95D	XX	Unspecified	F95D
FNM95	Walleye - F95D	XX	Unspecified	F95D
FNN95	Striped Bass - F95D	XX	Unspecified	F95D
FNO95	White X Striped Hybrid F95D	XX	Unspecified	F95D
FNQ95	White Crappie - F95D	XX	Unspecified	F95D
FNT95	Other Hybrids - F95D	XX	Unspecified	F95D
FOB95	Northern Largemouth Bass - F95D	XX	Unspecified	F95D
FOC95	Channel Catfish - F95D	XX	Unspecified	F95D
FOD95	Blue Catfish - F95D	XX	Unspecified	F95D
FOF95	Flathead Catfish - F95D	XX	Unspecified	F95D
FOR95	Forage - F95D	XX	Unspecified	F95D
FOS95	Native Sunfish - F95D	XX	Unspecified	F95D
FPF95	Paddle Fish - F95D	XX	Unspecified	F95D
FTR95	Trout - STATE	XX	Unspecified	STATE
FUR95	Red Drum - F95D	XX	Unspecified	F95D
FWB95	White Bass - F95D	XX	Unspecified	F95D
FNV95	Other Species - F95D	XX	Unspecified	F95D
FAA96	General Administration - F96D	XX	Unspecified	F96D
FFD96	Possum Kingdom FH	NF	New Facilities Development	F96D
		HX	General Operations/Maintenance	F96D
		RF	Renovation of Facilities	F96D
FGB96	Guadalupe Bass - F96D	XX	Unspecified	F96D

TPWD IFS CHART OF ACCOUNTS
PROJECT SEGMENT
INLAND FISHERIES

PROJECT	DESCRIPTION	TASK	DESCRIPTION	GRANT
FNC96	Florida Bass - F96D	XX	Unspecified	F96D
FNE96	Smallmouth Bass - F96D	XX	Unspecified	F96D
FNG96	coppernose Bluegill - F96D	XX	Unspecified	F96D
FNL96	Trout - F96D	XX	Unspecified	F96D
FNM96	Walleye - F96D	XX	Unspecified	F96D
FNN96	Striped Bass - F96D	XX	Unspecified	F96D
FNO96	White X Striped Hybrid F96D	XX	Unspecified	F96D
FNQ96	White Crappie - F96D	XX	Unspecified	F96D
FNT96	Other Hybrids - F96D	XX	Unspecified	F96D
FOB96	Northern Largemouth Bass - F96D	XX	Unspecified	F96D
FOC96	Channel Catfish - F96D	XX	Unspecified	F96D
FOD96	Blue Catfish - F96D	XX	Unspecified	F96D
FOF96	Fathead Catfish - F96D	XX	Unspecified	F96D
FOR96	Forage - F96D	XX	Unspecified	F96D
FOS96	Native Sunfish - F96D	XX	Unspecified	F96D
FPF96	Paddle Fish - F96D	XX	Unspecified	F96D
FTR96	Trout - STATE	XX	Unspecified	STATE
FUR96	Red Drum - F96D	XX	Unspecified	F96D
FWB96	White Bass - F96D	XX	Unspecified	F96D
FNV96	Other Species - F96D	XX	Unspecified	F96D
FAA98	General Administration - F98D	XX	Unspecified	F98D
FFD98	Jasper FH	NF	New Facilities Development	F98D
		HX	General Operations/Maintenance	F98D
		RF	Renovation of Facilities	F98D
FGB98	Guadalupe Bass - F98D	XX	Unspecified	F98D
FNC98	Florida Bass - F98D	XX	Unspecified	F98D
FNE98	Smallmouth Bass - F98D	XX	Unspecified	F98D
FNG98	coppernose Bluegill - F98D	XX	Unspecified	F98D
FNL98	Trout - F98D	XX	Unspecified	F98D
FNM98	Walleye - F98D	XX	Unspecified	F98D
FNN98	Striped Bass - F98D	XX	Unspecified	F98D
FNO98	White X Striped Hybrid F98D	XX	Unspecified	F98D
FNQ98	White Crappie - F98D	XX	Unspecified	F98D
FNT98	Other Hybrids - F98D	XX	Unspecified	F98D
FOB98	Northern Largemouth Bass - F98D	XX	Unspecified	F98D
FOC98	Channel Catfish - F98D	XX	Unspecified	F98D
FOD98	Blue Catfish - F98D	XX	Unspecified	F98D
FOF98	Fathead Catfish - F98D	XX	Unspecified	F98D
FOR98	Forage - F98D	XX	Unspecified	F98D
FOS98	Native Sunfish - F98D	XX	Unspecified	F98D
FPF98	Paddle Fish - F98D	XX	Unspecified	F98D
FTR98	Trout - STATE	XX	Unspecified	STATE
FUR98	Red Drum - F98D	XX	Unspecified	F98D
FWB98	White Bass - F98D	XX	Unspecified	F98D
FNV98	Other Species - F98D	XX	Unspecified	F98D
FGC	Grass Carp	XX	Unspecified	STATE
		IS	Grass Carp Inspection	STATE
		GR	Guadalupe River Study	STATE
FNH01	Hydrilla - Galveston Corps	XX	Unspecified	G
		VB	Aquatic Veg - Survey	G

TPWD IFS CHART OF ACCOUNTS
PROJECT SEGMENT
INLAND FISHERIES

PROJECT	DESCRIPTION	TASK	DESCRIPTION	GRANT
		VC	Aquatic Veg - Chemical Treatment	G
		VE	Aquatic Veg - Biological Treatment	G
FNH02	Hydrilla - Other	XX	Unspecified	STATE
		VB	Aquatic Veg - Survey	STATE
		VC	Aquatic Veg - Chemical Treatment	STATE
		VE	Aquatic Veg - Biological Treatment	STATE
FNW01	Water Hyacinth - Galveston Corps	XX	Unspecified	G
		VB	Aquatic Veg - Survey	G
		VC	Aquatic Veg - Chemical Treatment	G
		VE	Aquatic Veg - Biological Treatment	G
FNW02	Water Hyacinth - Other	XX	Unspecified	STATE
		VB	Aquatic Veg - Survey	STATE
		VC	Aquatic Veg - Chemical Treatment	STATE
		VE	Aquatic Veg - Biological Treatment	STATE
		VM	Aquatic Veg - Mechanical Treatment	STATE
FSV01	Salvinia - USDA	XX	Unspecified	STATE
FSV02	Salvinia - Other	XX	Unspecified	STATE
		VB	Aquatic Veg - Survey	STATE
		VC	Aquatic Veg - Chemical Treatment	STATE
		VE	Aquatic Veg - Biological Treatment	STATE
FSV03	Hydrilla - BOR - Rio Grande River	XX	Unspecified	SAV01-1
		VB	Aquatic Veg - Survey	SAV01-1
		VC	Aquatic Veg - Chemical Treatment	SAV01-1
		VE	Aquatic Veg - Biological Treatment	SAV01-1
		VM	Aquatic Veg - Mechanical Treatment	SAV01-1
FSV04	Salvinia	XX	Unspecified	SAV02-1
		VB	Aquatic Veg - Survey	SAV02-1
		VC	Aquatic Veg - Chemical Treatment	SAV02-1
		VE	Aquatic Veg - Biological Treatment	SAV02-1
		VM	Aquatic Veg - Mechanical Treatment	SAV02-1
FOV01	Other Vegetation - Galveston Corps	XX	Unspecified	G
		VB	Aquatic Veg - Survey	G
		VC	Aquatic Veg - Chemical Treatment	G
		VE	Aquatic Veg - Biological Treatment	G
FOV02	Other Vegetation - Other	XX	Unspecified	STATE
		VB	Aquatic Veg - Survey	STATE
		VC	Aquatic Veg - Chemical Treatment	STATE
		VE	Aquatic Veg - Biological Treatment	STATE
FMI01	Watermilfoil - Galveston Corps	XX	Unspecified	G
		VB	Aquatic Veg - Survey	G
		VC	Aquatic Veg - Chemical Treatment	G
		VE	Aquatic Veg - Biological Treatment	G
FMI02	Watermilfoil - Other	XX	Unspecified	STATE
		VB	Aquatic Veg - Survey	STATE
		VC	Aquatic Veg - Chemical Treatment	STATE
		VE	Aquatic Veg - Biological Treatment	STATE
FNA01	Alligator Weed - Galveston Corps	XX	Unspecified	G
		VB	Aquatic Veg - Survey	G
		VC	Aquatic Veg - Chemical Treatment	G
		VE	Aquatic Veg - Biological Treatment	G
FNA02	Alligator Weed - Other	XX	Unspecified	STATE
		VB	Aquatic Veg - Survey	STATE
		VC	Aquatic Veg - Chemical Treatment	STATE
		VE	Aquatic Veg - Biological Treatment	STATE



STOCKING RECORDS

1999 Stocking Report

(Waterbody, species and number of fish stocked within the state of Texas, 1/1/99 thru 12/31/99)

Waterbody Name	Fish name	Number Stocked
90 ACRE LAKE	Channel Catfish	2,318
A. BROWN BIG (COPELL)	Channel Catfish	640
	Rainbow Trout	4,000
ABLON PARK POND(GARLAND)	Channel Catfish	490
ALBERT SALLAS CNTY PARK	Channel Catfish	654
	Rainbow Trout	2,250
ALICE CITY	Channel Catfish	7,235
AMERICAN LEGION PARK POND	Channel Catfish	736
AMISTAD	Striped Bass	67,800
ARLINGTON	Striped X White Bass	11,526
ASCARATE	Rainbow Trout	5,928
	Channel Catfish	1,250
ATHENS	Florida Largemouth Bass	31
ATLANTA CITY PARK LAKE	Channel Catfish	490
AUSTIN	Florida Largemouth Bass	188,996
B.W. PATTERSON PARK LAKE	Channel Catfish	600
BACHMAN	Channel Catfish	400
BAIRD	Florida Largemouth Bass	14,437
	Blue Catfish	14,654
BALMORHEA	Channel Catfish	29,105
	Bluegill	210,626
	Largemouth Bass	47,300
	Florida Largemouth Bass	7,125
BANE PARK LAKE	Rainbow Trout	1,500
	Channel Catfish	554
BAYLOR CREEK	Florida Largemouth Bass	280
BEAR CREEK	Rainbow Trout	5,000
BEAR CREEK PARK	Channel Catfish	1,059
BEAVER POND	Channel Catfish	673
BEDFORD BOYS RANCH	Channel Catfish	736
BELL STREET	Striped X White Bass	648
	Channel Catfish	1,120
BELLWOOD	Channel Catfish	4,433
BELTON (BELL CO)	Striped X White Bass	94,098
	Smallmouth Bass	189,258
BEN FICKLIN	Channel Catfish	1,080
BENBROOK	Striped X White Bass	32,244
BENJAMIN CITY	Largemouth Bass	5,000
	Channel Catfish	1,250
BENTSEN STATE PARK	Channel Catfish	898
BETHANY PARK A	Rainbow Trout	1,250
	Channel Catfish	490
BETHANY PARK B	Channel Catfish	552
BETHANY PARK C	Channel Catfish	707
	Rainbow Trout	2,564
BICENTENNIAL PARK (SOUTHLAKE)	Largemouth Bass	200
	Channel Catfish	490
BIG CREEK LAKE	Florida Largemouth Bass	51,960
BIG CYPRESS CREEK	Florida Largemouth Bass	100,023
BIRCH CREEK #1	Channel Catfish	404

BLACK CREEK	Channel Catfish	1,122
BLANCO STATE PARK #3	Channel Catfish	756
BLANCO STATE PARK #5	Channel Catfish	672
BLANCO STATE PARK_#4	Channel Catfish	736
	Rainbow Trout	5,098
BOB JONES PARK (SOUTHLAKE)	Largemouth Bass	600
	Channel Catfish	672
BOB SANDLIN STATE PARK	Channel Catfish	490
	Rainbow Trout	2,347
BOB WOODRUFF PARK	Channel Catfish	3,603
BOERNE CITY PARK	Channel Catfish	552
BONHAM STATE PARK	Channel Catfish	1,625
BORDEN CITY LAKE	Channel Catfish	705
BRADFORD PARK (CEDAR HILL)	Channel Catfish	400
BRADY CREEK	Channel Catfish	400
BRECKENRIDGE PARK	Channel Catfish	250
BRESHEARS	Channel Catfish	552
BRIDGEPORT	Striped X White Bass	65,004
BRIGHT LAKE	Channel Catfish	5,941
BUCHANAN	Striped Bass	239,870
BUCK LAKE	Channel Catfish	410
BUENA VISTA PARK LAKE	Channel Catfish	420
BUESCHER STATE PARK	Rainbow Trout	1,511
	Channel Catfish	1,034
	Bluegill X Green Sunfish	9,108
BUFFALO CREEK	Florida Largemouth Bass	141,148
BUFFALO POND	Channel Catfish	640
BUFFALO SPRINGS	Striped Bass	9,487
BURKE-CRENSHAW	Rainbow Trout	2,250
	Channel Catfish	850
BURROUGHS PARK POND	Channel Catfish	724
BUSTER LONG	Channel Catfish	780
BYERS CITY	Channel Catfish	828
CADDO	Florida Largemouth Bass	670,925
CADDO MILLS	Channel Catfish	736
CAL YOUNG PARK LAKE	Channel Catfish	640
CALAVERAS	Red Drum	433,350
	Striped X White Bass	24,452
	Florida Largemouth Bass	100,910
CAMP TYLER A	Bluegill	968
	Channel Catfish	277
CAMP TYLER B	Channel Catfish	277
	Bluegill	986
CAMP TYLER C	Channel Catfish	277
	Bluegill	986
CANTON CITY	Channel Catfish	1,250
CANYON	Striped Bass	41,630
CANYON LAKE PROJ #6	Channel Catfish	1,200
CANYON SOUTHEAST PARK	Channel Catfish	1,302
	Largemouth Bass	300
CANYON TAILRACE	Rainbow Trout	404
	Rainbow Trout	21,994

	Channel Catfish	768
GUADALUPE RIVER	Rainbow Trout	27,157
HAMILTON CREEK PARK LAKE BURNET	Rainbow Trout	1,152
	Channel Catfish	830
HAMILTON STATE SCHOOL POND	Channel Catfish	682
	Bluegill	3,500
	Largemouth Bass	600
HARLINGEN CITY	Channel Catfish	1,152
	Channel Catfish	402
HARLINGEN SPORTS COMPLEX	Rainbow Trout	2,014
HEMPHILL COUNTY NO.1	Channel Catfish	400
HEMPHILL COUNTY NO.2	Channel Catfish	400
HEMPHILL COUNTY NO.3	Channel Catfish	400
HEREFORD CITY LAKE	Rainbow Trout	1,044
	Channel Catfish	790
HERMANN BROWN PARK POND	Channel Catfish	490
HI-LIONS	Channel Catfish	824
HIGGINBOTHAM PARK	Rainbow Trout	1,029
	Channel Catfish	672
HIGHLAND VILLAGE COMM PARK	Channel Catfish	490
HILL COLLEGE POND CLEBURNE CAMPUS	Largemouth Bass	24
	Bluegill	125
	Redear Sunfish	11
HILL COUNTRY STATE PARK	Channel Catfish	400
HOELL	Channel Catfish	490
HOLBROOK	Florida Largemouth Bass	106,197
HURST CHISHOLM PARK	Rainbow Trout	2,500
	Channel Catfish	552
ILLINOIS	Striped Bass	1,500,000
INDEPENDENCE RETENTION POND	Largemouth Bass	330
	Bluegill	2,767
	Channel Catfish	552
IOOF LAKE	Channel Catfish	828
	Largemouth Bass	1,268
IRVING STREET	Channel Catfish	918
J. B. THOMAS	Florida Largemouth Bass	151,019
J. L. LAKE	Channel Catfish	1,081
JACKSONVILLE	Florida Largemouth Bass	135,300
JASPER CITY PARK POND	Channel Catfish	600
JASPER HATCHERY FISHING CANAL	Rainbow Trout	822
	Channel Catfish	500
JENNINGS	Channel Catfish	600
JOHN WILEY PRICE POND(DALLAS)	Channel Catfish	980
JOHNSON CREEK	Guadalupe Bass	121,064
JONES LAKE 1	Channel Catfish	600
JONES LAKE NO. 2	Channel Catfish	620
KATHERINE ROSE PARK LAKE	Rainbow Trout	802
KELSEY'S FARM POND	Channel Catfish	400
KEMP (BAYLOR CO)	Florida Largemouth Bass	414,186
	Striped Bass	98,087
	Threadfin Shad	725
KENNEDALE CITY	Rainbow Trout	3,003

	Channel Catfish	490
KERRVILLE	Rainbow Trout	1,791
KIDD SPRINGS PARK	Channel Catfish	490
	Rainbow Trout	3,000
KIRBY	Walleye X Sauger	40,377
KITTY HOLLOW LAKE	Rainbow Trout	1,766
	Channel Catfish	784
KLEBERG PARK	Rainbow Trout	500
	Red Drum	3,100
L.B.J. STATE PARK	Channel Catfish	552
LADY BIRD	Channel Catfish	707
	Rainbow Trout	502
LAKE FORK	Florida Largemouth Bass	710,761
LAKE GRADY T. WALLACE	Channel Catfish	640
LAKE INDEPENDENCE	Largemouth Bass	4,700
	Channel Catfish	1,268
LAKE O' THE PINES	Striped X White Bass	62,182
LAKESIDE	Channel Catfish	552
LAKEVIEW	Channel Catfish	411
LAMESA 9TH STREET PARK LAKE	Rainbow Trout	4,300
	Channel Catfish	490
LAMPASAS	Channel Catfish	756
	Rainbow Trout	800
LANGSFORD CREEK	Channel Catfish	3,248
LEFTWICH PARK	Channel Catfish	803
LEONARD JOHNS PARK- FLOWER MND	Channel Catfish	490
LEWISVILLE	Striped X White Bass	222,892
LION'S CLUB (COLONY)	Channel Catfish	200
LITTLE CHOCOLATE BAYOU PARK POND #1	Channel Catfish	400
LITTLE CHOCOLATE BAYOU PARK POND #2	Channel Catfish	400
LIVE OAK CITY	Channel Catfish	1,106
	Walleye X Sauger	1,550
LIVINGSTON	Striped Bass	913,952
LOBO	Channel Catfish	1,140
LOCKHART CITY #1	Channel Catfish	509
LONE STAR	Striped X White Bass	7,636
LONE WOLF LAKE	Channel Catfish	1,250
LOST MAPLES-LOWER	Channel Catfish	602
LOUISE HAYES PARK	Rainbow Trout	1,252
LOWER KAUFMAN	Channel Catfish	1,258
LOWER OVERTON	Channel Catfish	215
LOWER WATERWORKS	Channel Catfish	1,088
LOY	Channel Catfish	1,176
MACKENZIE	Striped X White Bass	13,511
MAGNOLIA RIDGE POND	Channel Catfish	434
MAHON PARK	Channel Catfish	400
MARBLE FALLS	Florida Largemouth Bass	78,525
MARK HOLTZ	Channel Catfish	5,005
MARTIN ROAD	Channel Catfish	3,111
	Rainbow Trout	1,900
MARY JOE PECKHAM PARK	Largemouth Bass	153
	Channel Catfish	676
MATTHEWS LAKE	Channel Catfish	1,883
MAXEY PARK	Channel Catfish	960
MCCLELLAN	Blue Catfish	41,180
	Walleye X Sauger	22,600

MCCULLOUGH	Channel Catfish	600
MEDICAL CENTER NORTH	Rainbow Trout	2,948
	Channel Catfish	2,962
MEDICAL CENTER SOUTH	Channel Catfish	707
MEDINA	Striped X White Bass	41,897
MEDINA RIVER	Channel Catfish	305
	Rainbow Trout	2,897
MEREDITH STILLING BASIN	Rainbow Trout	3,197
MERIDIAN STATE PARK	Rainbow Trout	1,500
	Channel Catfish	1,825
MESQUITE CITY	Channel Catfish	640
METCALF	Channel Catfish	1,475
MEYER PARK EAST POND	Channel Catfish	555
MILL CREEK	Florida Largemouth Bass	36,000
MILL CREEK PARK	Channel Catfish	1,668
MILLER PARK	Channel Catfish	640
MILLER PARK POND (TEMPLE)	Rainbow Trout	2,502
	Channel Catfish	440
MILLER'S POND	Channel Catfish	800
MILLERS CREEK	Striped X White Bass	23,048
MIRROR LAKE	Channel Catfish	601
MISSION TEJAS STATE	Rainbow Trout	500
MISSOURI CITY C. P. L	Channel Catfish	552
MONAHANS PERCH POND	Channel Catfish	640
	Rainbow Trout	2,460
MORRIS PARK LAKE-ELGIN	Channel Catfish	404
MOULTON POND IN MOULTON	Channel Catfish	424
MT. VERNON CITY	Channel Catfish	1,612
MURVAUL	Florida Largemouth Bass	102,680
NACOGDOCHES CITY	Florida Largemouth Bass	500
NASSAU	Channel Catfish	1,122
NASWORTHY	Red Drum	194,089
	Striped X White Bass	24,140
NELSON PARK	Channel Catfish	150
	Rainbow Trout	2,004
NORTH ANSON	Florida Largemouth Bass	25,214
NORTH LAKE PARK - N. POND (DENTON)	Channel Catfish	885
NORTHWEST PARK	Channel Catfish	447
NORTHWEST PARK POND - IRVING	Channel Catfish	640
	Rainbow Trout	2,750
O'BANNON	Channel Catfish	640
O. H. IVIE	Channel Catfish	250
	Florida Largemouth Bass	31,496
OAKES STREET	Rainbow Trout	4,689
	Channel Catfish	672
OKLAHOMA	Striped X White Bass	2,100,000
OLD COLEMAN	Channel Catfish	1,040
OPTIMIST POND	Channel Catfish	400
PALESTINE	Florida Largemouth Bass	255,000
PALMETTO STATE PARK	Channel Catfish	662
PALO DURO RESERVOIR	Blue Catfish	81,500
	Walleye	20,049
PALO DURO STILLING BASIN	Channel Catfish	200
PALOS VERDES	Channel Catfish	552
PAMPA CITY	Channel Catfish	1,007
	Largemouth Bass	698

	Rainbow Trout	1,500
PAT MAYSE	Striped X White Bass	21,084
PAULINE	Striped X White Bass	9,114
PERCH POND-LK RAY	Channel Catfish	490
ROBERTS		
PERRYTON-LAKE FRYER	Rainbow Trout	1,500
PICKENS	Rainbow Trout	4,700
	Channel Catfish	1,080
PICNIC BEND PARK	Channel Catfish	640
PITTSBURG CITY LAKE	Rainbow Trout	1,702
	Channel Catfish	490
PLUM LAKE	Channel Catfish	500
	Rainbow Trout	6,121
POSSUM KINGDOM	Striped Bass	178,235
POSSUM KINGDOM	Rainbow Trout	8,000
TAILRACE		
POST CITY	Channel Catfish	765
PROCTOR	Striped X White Bass	34,656
PURTIS CREEK STATE PARK	Channel Catfish	8,870
	Rainbow Trout	1,746
QUITMAN	Florida Largemouth Bass	81,443
RANDOL MILL DUCK POND	Channel Catfish	490
RATCLIFF	Channel Catfish	1,222
RAVEN	Channel Catfish	5,251
RAY HUBBARD	Striped X White Bass	56,945
RED BLUFF	Striped X White Bass	58,143
RED CANE - ARLINGTON	Channel Catfish	400
RESOFT PARK LAKE	Rainbow Trout	1,000
	Channel Catfish	491
RIBBLE PARK	Channel Catfish	552
RICHLAND-CHAMBERS	Striped X White Bass	225,598
	Florida Largemouth Bass	644
RINGLING	Channel Catfish	254
RITA BLANCA KIDS FISHING POND	Rainbow Trout	4,334
	Channel Catfish	368
ROGERS CITY	Channel Catfish	794
RORIE GALLOWAY DAY CAMP	Channel Catfish	552
ROSE PARK - MANSFIELD	Channel Catfish	400
	Rainbow Trout	840
ROUND ROCK CITY	Channel Catfish	901
RUSK STATE PARK	Rainbow Trout	2,047
	Channel Catfish	960
RUSSELL CREEK PARK LAKE	Channel Catfish	707
RUSTIC OAKS PARK	Channel Catfish	553
SABINE RIVER	Paddlefish	7,985
SAM RAYBURN	Florida Largemouth Bass	1,329,160
	Striped X White Bass	289,974
SAMMON'S PARK	Rainbow Trout	751
	Channel Catfish	1,108
SAMUEL FARM POND A	Channel Catfish	539
SAMUELL FARM POND #1	Channel Catfish	490
SAMUELL FARM POND #4	Channel Catfish	490
	Rainbow Trout	3,300
SAMUELL FARM POND #5	Channel Catfish	400
SAN ANTONIO RIVER	Channel Catfish	801
	Rainbow Trout	3,734
SAN TANA	Channel Catfish	1,250
SAXET PARK LAKE	Channel Catfish	1,421

SEALY	Channel Catfish	1,160
SEARIGHT PARK LAKE #1	Channel Catfish	922
SHELDON S.P. CHILDREN'S 1	Channel Catfish	406
	Rainbow Trout	2,000
SHELDON S.P. CHILDREN'S 2	Channel Catfish	407
SHIRLEY MCDONALD PARK POND	Channel Catfish	440
SOMERVILLE	Striped X White Bass	85,436
SOUTH LAKE PARK - S. POND (DENTON)	Channel Catfish	936
SOUTH LLANO RIVER	Channel Catfish	800
	Rainbow Trout	1,875
SOUTHEAST PARK	Channel Catfish	828
SOUTHLAKE PARK POND	Channel Catfish	400
SPRING LAKE	Rainbow Trout	2,000
SPRING LAKE PARK	Channel Catfish	490
	Rainbow Trout	2,250
SPRINGFIELD	Rainbow Trout	2,000
	Channel Catfish	508
SPRINGFIELD PARK POND A - ROWLETT	Channel Catfish	896
SPRINGFIELD PARK POND B - ROWLETT	Channel Catfish	3,200
STEVENS PARK	Channel Catfish	490
STILLHOUSE HOLLOW	Smallmouth Bass	97,048
STRIKER CREEK	Striped X White Bass	24,215
SULFUR SPRINGS CITY PARK	Channel Catfish	640
	Rainbow Trout	2,000
SWEETWATER	Florida Largemouth Bass	15,998
TANKERSLEY	Channel Catfish	1,500
TAWAKONI	Striped Bass	262,678
	Striped X White Bass	128,619
	Florida Largemouth Bass	364,995
TAYLOR BAYOU	Florida Largemouth Bass	50,166
TAYLOR CITY	Channel Catfish	490
TAYLOR CITY #2	Channel Catfish	600
TAYLOR CITY #4	Channel Catfish	552
TEAGUE	Rainbow Trout	2,242
TEAGUE PARK (GREGG)	Rainbow Trout	500
	Channel Catfish	490
TEMPLE LION'S PARK	Rainbow Trout	750
TEXANA	Striped X White Bass	82,789
TEXAS & PACIFIC	Channel Catfish	1,188
TEXAS RANGERS #1	Rainbow Trout	3,500
	Channel Catfish	999
TEXOMA	Florida Largemouth Bass	327,191
TFFC CASTING POND	Channel Catfish	391
	Rainbow Trout	1,500
THEO (CAPROCK CANYON)	Channel Catfish	1,750
THOMPSON PARK	Channel Catfish	848
THROCKMORTON	Channel Catfish	3,475
TOLEDO BEND	Florida Largemouth Bass	1,206,777

TOM BASS III	Channel Catfish	885
	Rainbow Trout	2,000
TOWLE PARK	Channel Catfish	552
TOWNE LAKE	Channel Catfish	989
TRADINGHOUSE CREEK	Red Drum	268,643
TRINIDAD CITY	Channel Catfish	1,222
TRINITY RIVER	Paddlefish	26,741
TWIN LAKES NORTH POND(DALLAS)	Channel Catfish	490
TWIN LAKES SOUTH POND (DALLAS)	Channel Catfish	490
TWO - ACRE LAKE	Rainbow Trout	2,440
TYLER NATURE CENTER POND	Largemouth Bass	317
TYLER STATE PARK	Rainbow Trout	7,486
	Channel Catfish	1,624
UNIVERSITIES	Rainbow Trout	508
	Channel Catfish	200
UPPER KAUFMAN	Channel Catfish	1,160
UPPER OVERTON	Channel Catfish	896
UPPER WATERWORKS	Channel Catfish	966
VALLEY RIDGE PARK (CEDAR HILL)	Largemouth Bass	100
	Channel Catfish	400
VICTOR BRAUNIG	Striped X White Bass	20,650
	Red Drum	198,621
WALDRON PARK	Channel Catfish	411
	Rainbow Trout	1,426
WALTER E. LONG	Striped X White Bass	18,247
WARREN PARK LAKE	Channel Catfish	756
WATERLOO	Channel Catfish	1,300
	Rainbow Trout	4,770
WEST COLUMBIA CITY PARK POND	Rainbow Trout	801
	Channel Catfish	493
	Bluegill	2,267
	Largemouth Bass	225
WEST GUTH PARK POND IN C.C.	Channel Catfish	411
WHITNEY	Smallmouth Bass	351,302
	Striped Bass	236,400
	Striped X White Bass	12,646
WICHITA	Channel Catfish	490
WILLIAMS PARK - UNIVERSITY PARK	Largemouth Bass	3,000
WINDMILL LAKE	Channel Catfish	400
WINDSOR PARK	Channel Catfish	400
WINNSBORO CITY	Florida Largemouth Bass	118,218
WOLF CREEK	Channel Catfish	1,064
WOLFE CITY #1	Channel Catfish	1,222
WOLFE CITY #2	Channel Catfish	1,325
WORTH	Florida Largemouth Bass	179,209
WRIGHT PATMAN	Striped X White Bass	91,254
ZAVALA COUNTY LAKE	Channel Catfish	702

1999 Stocking Report

(Species and where stocked within the state of Texas, 1/1/99 thru 12/31/99)

Blue Catfish

BAIRD	MCCLELLAN	PALO DURO RESERVOIR
-------	-----------	---------------------

Bluegill

BALMORHEA CAMP TYLER A CAMP TYLER B CAMP TYLER C	CENTER CITY ELDRIDGE PARK POND HAMILTON STATE SCHOOL POND HILL COLLEGE POND CLEBURNE	CAMPUS INDEPENDENCE RETENTION POND WEST COLUMBIA CITY PARK POND
---	---	---

Bluegill X Green Sunfish

BUESCHER STATE PARK

Channel Catfish

29TH STREET 90 ACRE LAKE A. BROWN BIG (COPELL) ABLON PARK POND(GARLAND) ALBERT SALLAS CNTY PARK ALICE CITY AMERICAN LEGION PARK POND ASCARATE ATLANTA CITY PARK LAKE B.W. PATTERSON PARK LAKE BACHMAN BALMORHEA BANE PARK LAKE BEAR CREEK PARK BEAVER POND BEDFORD BOYS RANCH BELL STREET BELLWOOD BEN FICKLIN BENJAMIN CITY BENTSEN STATE PARK BETHANY PARK A BETHANY PARK B BETHANY PARK C BICENTENNIAL PARK (SOUTHLAKE) BIRCH CREEK #1 BLACK CREEK BLANCO STATE PARK #3 BLANCO STATE PARK #5 BLANCO STATE PARK #4 BOB JONES PARK (SOUTHLAKE) BOB SANDLIN STATE PARK BOB WOODRUFF PARK BOERNE CITY PARK BONHAM STATE PARK BORDEN CITY LAKE BRADFORD PARK (CEDAR HILL) BRADY CREEK BRECKENRIDGE PARK BRESHEARS BRIGHT LAKE BUCK LAKE BUENA VISTA PARK LAKE BUESCHER STATE PARK BUFFALO POND BURKE-CRENSHAW BURROUGHS PARK POND BUSTER LONG BYERS CITY CADDO MILLS CAL YOUNG PARK LAKE CAMP TYLER A CAMP TYLER B CAMP TYLER C CANTON CITY CANYON LAKE PROJ #6 CANYON SOUTHEAST PARK LAKE CARROLLTON SP. COMP. CARVER PARK LAKE CASEY PARK	ESPADA FAIR PARK CITY LAKE FLOWER MOUND RHEUDASIL UPPER FOREST PARK FORT WORTH HATCHERY FRENCH FT. RICHARDSON STATE PARK GABBARDS PARK GALVESTON STATE PARK GARNER STATE PARK GEORGETOWN -S SAN GABRIEL GIDDINGS STATE SCHOOL GILLAM-HOWELL LAKE GILLAM-HOWELL LAKE NORTH GLENVIEW PARK (NRH) GORDON GRAHAM PARK LAKE GREEN BRIAR PARK GREEN VALLEY CPPA - NORTH R. HILLS HAMILTON CREEK PARK LAKE BURNET HAMILTON STATE SCHOOL POND HARLINGEN CITY HARLINGEN SPORTS COMPLEX HEMPHILL COUNTY NO.1 HEMPHILL COUNTY NO.2 HEMPHILL COUNTY NO.3 HEREFORD CITY LAKE HERMANN BROWN PARK POND HI-LIONS HIGGINBOTHAM PARK HIGHLAND VILLAGE COMM PARK HILL COUNTRY STATE PARK HOELL HURST CHISHOLM PARK INDEPENDENCE RETENTION POND IOOF LAKE IRVING STREET J. L. LAKE JASPER CITY PARK POND JASPER HATCHERY FISHING CANAL JENNINGS JOHN WILEY PRICE POND(DALLAS) JONES LAKE 1 JONES LAKE NO. 2 KELSEY'S FARM POND KENNEDEALE CITY KIDD SPRINGS PARK KITTY HOLLOW LAKE L.B.J. STATE PARK LADY BIRD LAKE GRADY T. WALLACE LAKE INDEPENDENCE LAKESIDE LAKEVIEW LAMESA 9TH STREET PARK LAKE LAMPASAS LANGSFORD CREEK LEFTWICH PARK	NORTH LAKE PARK - N. POND (DENTON) NORTHWEST PARK NORTHWEST PARK POND - IRVING O'BANNON O. H. IVIE OAKES STREET OLD COLEMAN OPTIMIST POND PALMETTO STATE PARK PALO DURO STILLING BASIN PALOS VERDES PAMPA CITY PERCH POND-LK RAY ROBERTS PICKENS PICNIC BEND PARK PITTSBURG CITY LAKE PLUM LAKE POST CITY PURTIS CREEK STATE PARK RANDOL MILL DUCK POND RATCLIFF RAVEN RED CANE - ARLINGTON RESOFT PARK LAKE RIBBLE PARK RINGLING RITA BLANCA KIDS FISHING POND ROGERS CITY RORIE GALLOWAY DAY CAMP ROSE PARK - MANSFIELD ROUND ROCK CITY RUSK STATE PARK RUSSELL CREEK PARK LAKE RUSTIC OAKS PARK SAMMON'S PARK SAMUEL FARM POND A SAMUEL FARM POND #1 SAMUEL FARM POND #4 SAMUEL FARM POND #5 SAN ANTONIO RIVER SAN TANA SAXET PARK LAKE SEALY SEARIGHT PARK LAKE #1 SHELDON S.P. CHILDREN'S 1 SHELDON S.P. CHILDREN'S 2 SHIRLEY MCDONALD PARK POND SOUTH LAKE PARK - S. POND (DENTON) SOUTH LLANO RIVER SOUTHEAST PARK SOUTHLAKE PARK POND SPRING LAKE PARK SPRINGFIELD SPRINGFIELD PARK POND A - ROWLETT SPRINGFIELD PARK POND B - ROWLETT STEVENS PARK
--	---	--

CAUDLE CEDAR HILL S.P. PERCH POND CENTENNIAL PARK POND CENTRAL HIGH CENTRAL PARK POND #1 CHALLENGER 7 POND CHILDRESS CITY LAKE CLAIBORNE WEST PARK CLEBURNE STATE PARK CLIFF PARK CLIFFORD ANDREWS PARK COFFEE MILL COLLEYVILLE NATURE CNTR POND 4 COPPELL DUCK POND COPPER BREAKS STATE PARK COPPERAS COVE CITY COSDEN COTTONWOOD CRAVENS PARK - ARLINGTON CROW PARK CROWLEY POND CUERO PARK CURTIS PARK - UNIVERSITY PARK CY MILLER POND DAINGERFIELD STATE PARK DAVEY CROCKETT DIBOLL CITY PARK DIMMIT CITY LAKE DORN BOSS PARK DUPREE PARK EAST SIDE PARK (HEARNE) EASTLAND EDINBURG CITY PARK LAKE EISENHOWER CITY PARK ELDRIDGE PARK POND ELKINS (D. GARDENS) ELLEN TROUT ZOO ELMENDORF ELMORE CITY PARK ENGELING W. M. A. #1 ENGLING W. M. A. #2 ENGLING WILDLIFE BARRY ENNIS J.C. PARK	LEONARD JOHNS PARK-FLOWER MND LION'S CLUB (COLONY) LITTLE CHOCOLATE BAYOU PARK POND #1 LITTLE CHOCOLATE BAYOU PARK POND #2 LIVE OAK CITY LOBO LOCKHART CITY #1 LONE WOLF LAKE LOST MAPLES-LOWER LOWER KAUFMAN LOWER OVERTON LOWER WATERWORKS LOY MAGNOLIA RIDGE POND MAHON PARK MARK HOLTZ MARTIN ROAD MARY JOE PECKHAM PARK MATTHEWS LAKE MAXEY PARK MCCULLOUGH MEDICAL CENTER NORTH MEDICAL CENTER SOUTH MEDINA RIVER MERIDIAN STATE PARK MESQUITE CITY METCALF MEYER PARK EAST POND MILL CREEK PARK MILLER PARK MILLER PARK POND (TEMPLE) MILLER'S POND MIRROR LAKE MISSOURI CITY C. P. L MONAHANS PERCH POND MORRIS PARK LAKE-ELGIN MOULTON POND IN MOULTON MT. VERNON CITY NASSAU NELSON PARK	SULFUR SPRINGS CITY PARK TANKERSLEY TAYLOR CITY TAYLOR CITY #2 TAYLOR CITY #4 TEAGUE PARK (GREGG) TEXAS & PACIFIC TEXAS RANGERS #1 TFFC CASTING POND THEO (CAPROCK CANYON) THOMPSON PARK THROCKMORTON TOM BASS III TOWLE PARK TOWNE LAKE TRINIDAD CITY TWIN LAKES NORTH POND(DALLAS) TWIN LAKES SOUTH POND (DALLAS) TYLER STATE PARK UNIVERSITIES UPPER KAUFMAN UPPER OVERTON UPPER WATERWORKS VALLEY RIDGE PARK (CEDAR HILL) WALDRON PARK WARREN PARK LAKE WATERLOO WEST COLUMBIA CITY PARK POND WEST GUTH PARK POND IN C.C. WILLIAMS PARK - UNIVERSITY PARK WINDSOR PARK WOLF CREEK WOLFE CITY #1 WOLFE CITY #2 ZAVALA COUNTY LAKE
--	--	--

Florida Largemouth Bass

ATHENS AUSTIN BAIRD BALMORHEA BAYLOR CREEK BIG CREEK LAKE BIG CYPRESS CREEK BUFFALO CREEK CADDO CALAVERAS CEDAR CREEK CENTER CITY CHAMPION CREEK COFFEE MILL	CONROE COOPER RESERVOIR (NEW) DAVEY CROCKETT HOLBROOK J. B. THOMAS JACKSONVILLE KEMP (BAYLOR CO) LAKE FORK MARBLE FALLS MILL CREEK MURVAUL NACOGDOCHES CITY NORTH ANSON O. H. IVIE	PALESTINE QUITMAN RICHLAND-CHAMBERS SAM RAYBURN SWEETWATER TAWAKONI TAYLOR BAYOU TEXOMATOLEDO BEND WINNSBORO CITY WORTH
---	---	--

Guadalupe Bass

JOHNSON CREEK

Largemouth Bass

BALMORHEA BENJAMIN CITY BICENTENNIAL PARK (SOUTHLAKE) BOB JONES PARK (SOUTHLAKE) CANYON SOUTHEAST PARK LAKE ELDRIDGE PARK POND FT. RICHARDSON STATE PARK	GREEN BRIAR PARK HAMILTON STATE SCHOOL POND HILL COLLEGE POND CLEBURNE CAMPUS INDEPENDENCE RETENTION POND IOOF LAKE LAKE INDEPENDENCE	MARY JOE PECKHAM PARK PAMPA CITY TYLER NATURE CENTER POND VALLEY RIDGE PARK (CEDAR HILL) WEST COLUMBIA CITY PARK POND WINDMILL LAKE
--	---	--

Paddlefish

SABINE RIVER	TRINITY RIVER	
--------------	---------------	--

Rainbow Trout

A. BROWN BIG (COPELL) ALBERT SALLAS CNTY PARK ASCARATE BANE PARK LAKE BEAR CREEK BETHANY PARK A BETHANY PARK C BLANCO STATE PARK #4 BOB SANDLIN STATE PARK BUESCHER STATE PARK BURKE-CRENSHAW CANYON TAILRACE CANYON TAILRACE CARROLLTON SP. COMP. CENTRAL PARK POND #1 CLAIBORNE WEST PARK CLEAR FORK TRINITY RIVER CLEBURNE-HULEN PARK COLLEYVILLE NATURE CNTR POND 4 EISENHOWER CITY PARK ELM CREEK BUFFALO WALLOW FALCON FLOWER MOUND RHEUDASIL UPPER FT. RICHARDSON STATE PARK GEORGETOWN -S SAN GABRIEL GREEN VALLEY CPPA - NORTH R. HILLS GUADALUPE RIVER HAMILTON CREEK PARK LAKE BURNET HARLINGEN SPORTS COMPLEX	HEREFORD CITY LAKE HIGGINBOTHAM PARK HURST CHISHOLM PARK JASPER HATCHERY FISHING CANAL KATHERINE ROSE PARK LAKE KENNEDALE CITY KERRVILLE KIDD SPRINGS PARK KITTY HOLLOW LAKE KLEBERG PARK LADY BIRD LAMESA 9TH STREET PARK LAKE LAMPASAS LOUISE HAYES PARK MARTIN ROAD MEDICAL CENTER NORTH MEDINA RIVER MEREDITH STILLING BASIN MERIDIAN STATE PARK MILLER PARK POND (TEMPLE) MISSION TEJAS STATE MONAHANS PERCH POND NELSON PARK NORTHWEST PARK POND - IRVING OAKES STREET PAMPA CITY PERRYTON-LAKE FRYER PICKENS PITTSBURG CITY LAKE PLUM LAKE	POSSUM KINGDOM TAILRACE PURTIS CREEK STATE PARK RESOFT PARK LAKE RITA BLANCA KIDS FISHING POND ROSE PARK - MANSFIELD RUSK STATE PARK SAMMON'S PARK SAMUELL FARM POND #4 SAN ANTONIO RIVER SHELDON S.P. CHILDREN'S 1 SOUTH LLANO RIVER SPRING LAKE SPRING LAKE PARK SPRINGFIELD SULFUR SPRINGS CITY PARK TEAGUE TEAGUE PARK (GREGG) TEMPLE LION'S PARK TEXAS RANGERS #1 TFFC CASTING POND TOM BASS III TWO - ACRE LAKE TYLER STATE PARK UNIVERSITIES WALDRON PARK WATERLOO WEST COLUMBIA CITY PARK POND
---	--	--

Red Drum

CALAVERAS COLORADO CITY FAIRFIELD	KLEBERG PARK NASWORTHY TRADINGHOUSE CREEK	VICTOR BRAUNIG
---	---	----------------

Redear Sunfish

HILL COLLEGE POND CLEBURNE CAMPUS

Smallmouth Bass

BELTON (BELL CO) EAGLE MOUNTAIN	GEORGETOWN -S SAN GABRIEL GRAPEVINE	STILLHOUSE HOLLOW WHITNEY
------------------------------------	--	------------------------------

Striped Bass

AMISTAD BUCHANAN BUFFALO SPRINGS CANYON	FALCON GRANBURY KEMP (BAYLOR CO) LIVINGSTON	POSSUM KINGDOM TAWAKONI WHITNEY
--	--	---------------------------------------

Striped X White Bass

ARLINGTON BELL STREET BELTON (BELL CO) BENBROOK BRIDGEPORT CALAVERAS CEDAR CREEK COLETO CREEK LAKE CONROE COOPER RESERVOIR (NEW) FAIRFIELD FORT PHANTOM HILL	GRAHAM LAKE O' THE PINES LEWISVILLE LONE STAR MACKENZIE MEDINA MILLERS CREEK NASWORTHY PAT MAYSE PAULINE PROCTOR RAY HUBBARD	RED BLUFF RICHLAND-CHAMBERS SAM RAYBURN SOMERVILLE STRIKER CREEK TAWAKONI TEXANA VICTOR BRAUNIG WALTER E. LONG WICHITA WRIGHT PATMAN
---	---	--

Threadfin Shad

KEMP (BAYLOR CO)

Walleye

DIVERSION (BAYLOR CO)	PALO DURO RESERVOIR
-----------------------	---------------------

Walleye X Sauger

FRYER GORDON	KIRBY LIVE OAK CITY	MCCLELLAN
-----------------	------------------------	-----------



THE UNIVERSITY OF TEXAS-PAN AMERICAN
0 1161 0432 8392



PWD RP T3200-011 (8/00)
In accordance with Texas State Depository Law, this publication is available at
the Texas State Publications Clearinghouse and/or Texas Depository Libraries.