



Michael A. Kelly

Joe Mac Huesgath, Jr.

MISSISSIPPI DEPARTMENT OF WILDLIFE, FISHERIES, AND PARKS

ANNUAL REPORT | FY 10



Michael A. Kelly

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Michael A. Kelly



Joe Mac Hudspeth, Jr.



Michael A. Kelly

MISSISSIPPI DEPARTMENT OF WILDLIFE, FISHERIES, AND PARKS

SAM POLLES, Ph.D.
EXECUTIVE DIRECTOR

Honorable Haley Barbour
Governor of Mississippi
550 High Street
Sillers Building, 19th Floor
Jackson, Mississippi 39201

Dear Governor Barbour:

I am pleased to provide you with the Mississippi Department of Wildlife, Fisheries and Parks 2010 Annual Report. The services highlighted in the report enable us to showcase Mississippi's natural resources and have a positive impact throughout the State.

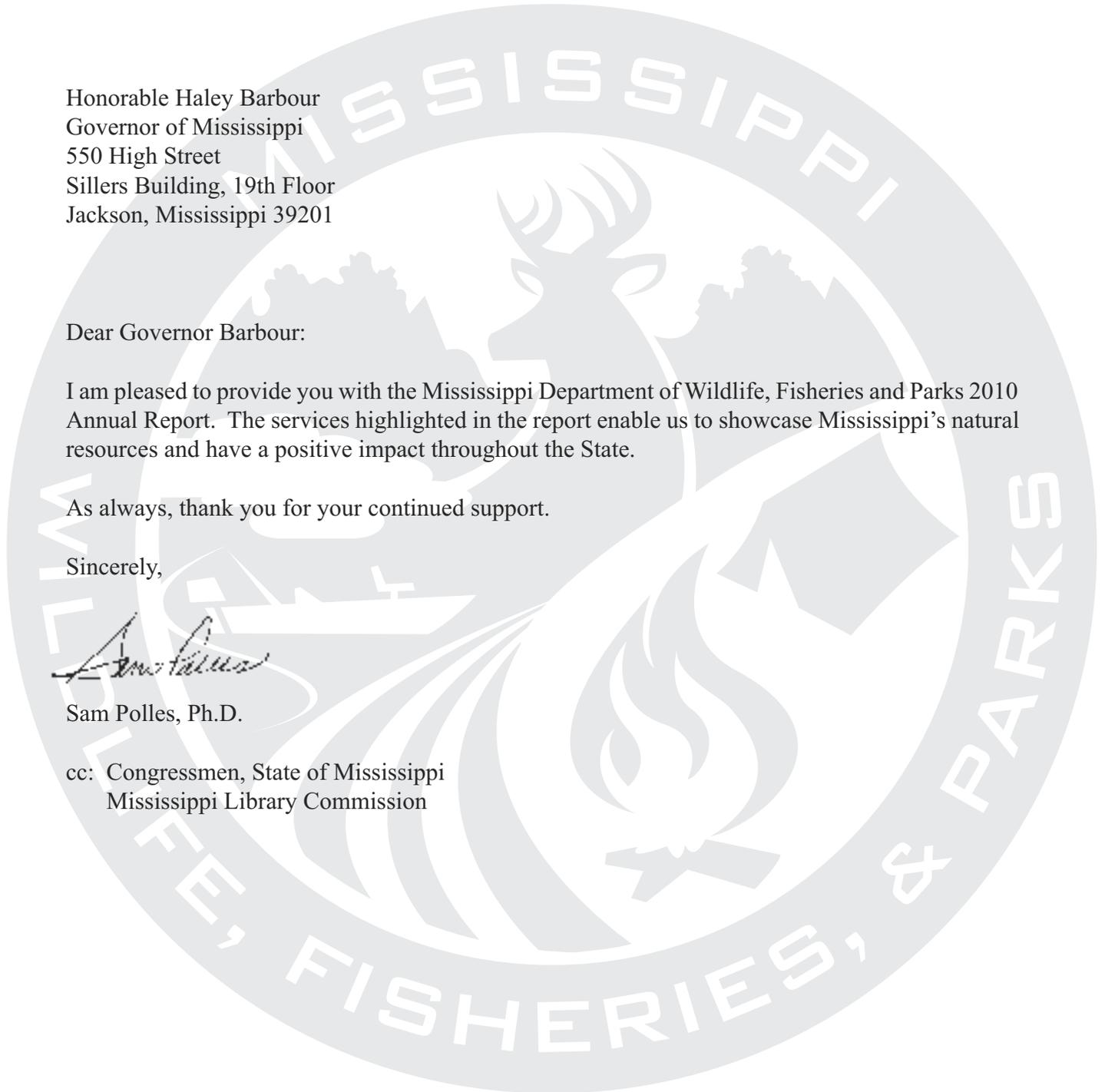
As always, thank you for your continued support.

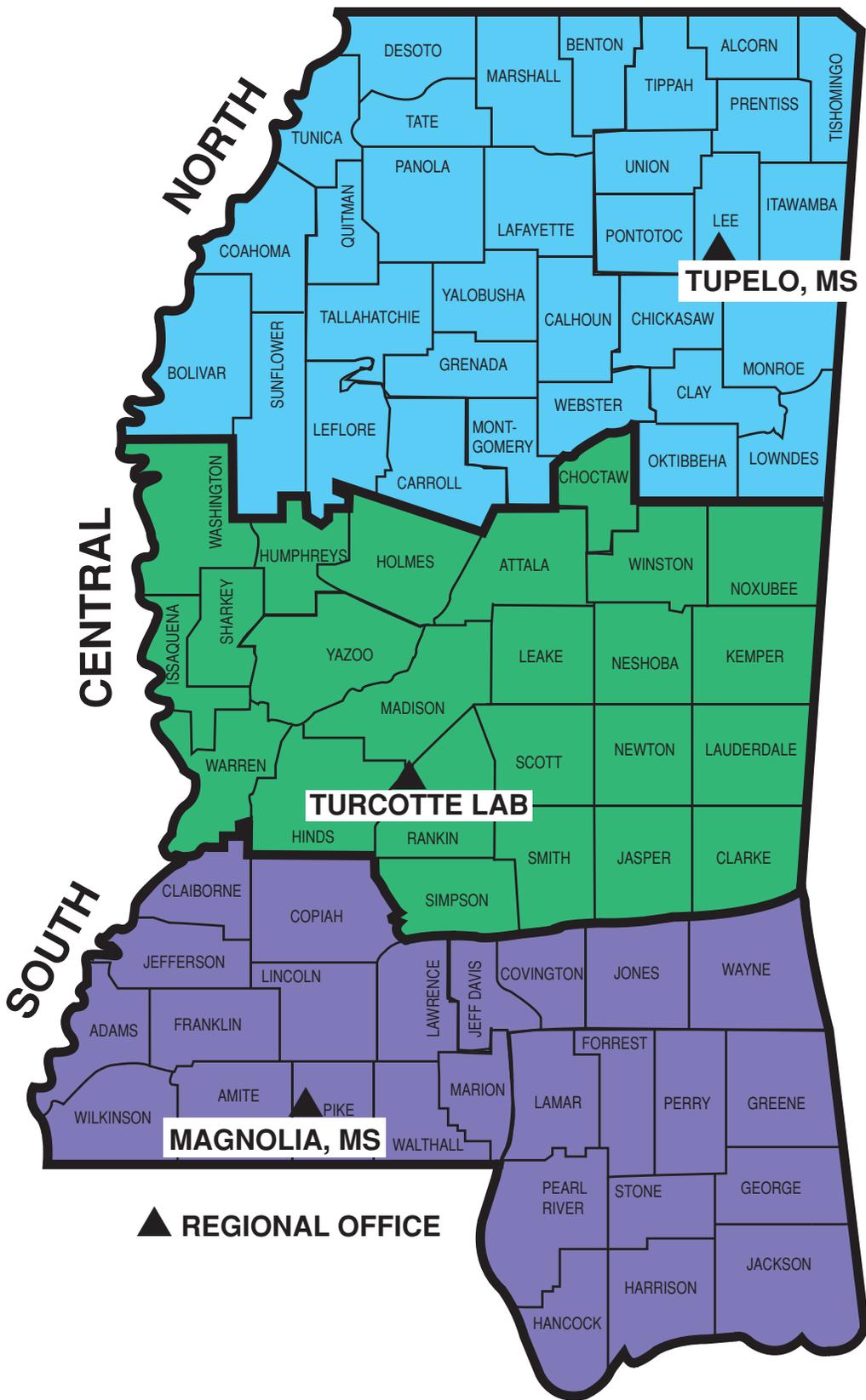
Sincerely,



Sam Polles, Ph.D.

cc: Congressmen, State of Mississippi
Mississippi Library Commission





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MISSISSIPPI DEPARTMENT OF WILDLIFE, FISHERIES, AND PARKS

SAM POLLES, PH.D., EXECUTIVE DIRECTOR

MISSION STATEMENT

*To conserve and enhance Mississippi's wildlife, fisheries, and parks
and to provide quality outdoor recreation for all.*

1505 EASTOVER DRIVE
JACKSON, MISSISSIPPI 39211-6374



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Haley Barbour
Governor
State of Mississippi



Sam Polles, Ph.D.
Executive Director
Mississippi Department of
Wildlife, Fisheries, and Parks

2010 Commissioners

Charles Rigdon , <i>Chairman</i>	Columbus
Jerry Munro , <i>Vice Chairman</i>	Ocean Springs
Bryan Jones	Yazoo City
Billy Deviney	Jackson
John C Stanley IV	Corinth

2010-2011 Mississippi Duck Stamp Print



Joe Mac Hudspeth, Jr.

Joe Mac Hudspeth, Jr.'s wildlife photography has been published over 900 times in magazines including *Mississippi Outdoors*, *Ducks Unlimited* and *Delta Wildlife*. In 1993 Hudspeth's image of a least bittern taken at Ross Barnett Reservoir was selected to receive the Roger Tory Peterson Institute of Natural History Award for Excellence in calendar photography. His work has also graced 12 Mississippi Duck Stamps and 14 Mississippi Sportsman Hunting Licenses.

Wildlife Management Program

The MDWFP Wildlife Bureau is comprised of 29 technical staff biologists serving in 11 programs, and 44 Wildlife managers serving in 49 Wildlife Management Areas (WMA) throughout the Magnolia State.

Wildlife Management Area Program

The WMA Program is responsible for maintaining native wildlife populations at levels that support their roles in healthy natural systems on the 49 State WMAs. The program also provides hunting opportunities on WMAs for game species and other wildlife related recreational opportunities within the limits of wildlife resources and habitats. Additionally, WMAs serve as research and demonstration areas where new management techniques can be evaluated and sound management practices can be demonstrated to sportsmen, landowners, other resource professionals, and the public. WMA Program information includes:

- 49 WMAs, encompassing 670,657 acres and 59 employees statewide.
- 110,496 acres are owned by the State of Mississippi.
- WMA users participated in 199,790 days hunting game and 21,004 days of non-consumptive use.
- 44,792 resident WMA permits sold in 2009-10 for \$671,880 revenue. 2,668 non-resident WMA permits sold in 2009-10 for \$80,040 revenue.
- 32,000 acres of habitat inventoried on 5 state-owned WMAs.
- 13,200 acres are managed annually in permanent openings and food plots.
- 46 WMAs provide special youth or handicapped hunting opportunities.
- 25,411 contacts were made; 9,709 public contacts and 15,702 administrative contacts.

White-tailed Deer Program

The MDWFP White-tailed Deer Program's goal is to provide a quality white-tailed deer population statewide, and offer maximum outdoor recreational opportunity to the public without negatively affecting the resource. Mississippi's deer population is estimated to be 1.75 million, with hunters harvesting approximately 280,000 deer annually. Deer Program Biologists provide deer related technical guidance to managers on private and public lands; conduct seminars; speak publicly; write articles for professional publications; and assist Mississippi State University with deer research projects. Currently there is one Coordinator and four Regional Deer Biologists in the White-tailed Deer Program.

- Conducted 196 private land site visits and 40 WMA site visits.
- Provided 2,630 hours of technical guidance affecting 1.7 million acres.
- 642 properties were enrolled in DMAP, totaling nearly 1.6 million acres.
- Conducted 18 spring herd health evaluations.
- Assisted with Magnolia Records scoring program scoring sessions.
- Regulated white-tailed deer herds within enclosures.
- Conducted 80 enclosure site visits and inspected 59 enclosures.
- Provided recommendations on deer hunting season dates and bag limit regulations.
- Published the *2010 Deer Program Report*.



Pascagoula River WMA



Wildlife Management Program

Migratory Game Bird Program

The MDWFP Migratory Game Bird Program is a team of three biologists who work to improve waterfowl habitat and hunting opportunities on both public and private lands throughout Mississippi. Personnel provide waterfowl habitat management recommendations on private lands and State-managed public lands, perform Avian Influenza testing, conduct winter waterfowl surveys, band waterfowl, and represent Mississippi sportsmen on Mississippi Flyway and national committees. Our program accomplishments for the past year include:

- Conducted 88 waterfowl and wetland site visits on private and public lands throughout Mississippi.
- Assisted U.S. Fish and Wildlife Service with administration of Mississippi Partners for Fish and Wildlife program.
- Issued 395 Light Goose Conservation Order Permits.
- Established MDWFP Youth Waterfowl Hunting and Education Initiative.
- Received \$1 million in NAWCA funding for the Mississippi Delta WMA Wetland Enhancement II Project.
- Developed Wetland Reserve Enhancement Program with Delta Wildlife Foundation.
- Tested 396 waterfowl for Avian Influenza.
- Banded 428 Wood Ducks.
- Administered Private Lands Dove Field Program.
- Five fields enrolled with over 250 acres managed for dove hunting.
- 244 hunting permits available.



Private Lands Habitat Program

About 80% of Mississippi land is privately owned. The Private Lands Habitat Program's (PLHP) mission is to provide sound habitat management advice to assist private landowners in meeting their management objectives. There were three PLHP biologists in the Magnolia State whose focus was engaging landowners in active habitat management, in addition to developing and presenting informational materials to various audiences around the State. During FY10, our PLHP biologists:

- Conducted 212 Private Lands site visits.
- Wrote 33 management plans for landowners.
- Conducted 68 public presentations.
- Participated in 12 field days.
- Wrote 5 articles and "how-to" management guides.
- Answered 1,076 technical guidance phone calls.
- Continued leading the Mississippi Prescribed Fire Council.
- Conducted prescribed fire on more than 1,800 acres.
- Provided technical assistance in planting 661 acres of Native Warm-season Grass (NWSG).
- Provided technical guidance for:
 - NWSG planting on 2,317 acres
 - Timber Stand Improvement in upland hardwoods on 256 acres
 - Quality Vegetation Management in pine stands on 425 acres
 - Non-native grass eradication on 104 acres.
- Administered the Landowner Incentive Program:
 - Established 1,331 acres of longleaf pine.

Wildlife Management Program

Wild Turkey Program

The MDWFP Wild Turkey Program is charged with the conservation of Mississippi's turkey population. During FY10, Mississippi had a statewide turkey population estimated at over 224,000 birds and Magnolia State hunters harvested approximately 24,500 turkeys. This program provides technical guidance on turkey related issues to public and private land managers statewide. The program also closely monitors Mississippi's turkey populations using brood, annual hunter harvest, and the Spring Gobbler Hunter surveys. Wild Turkey Program biologists conduct informational and educational programs throughout Mississippi on turkey related topics and cooperate with Mississippi State University on turkey related research projects. Specifically:

- Conducted 30 private land and 18 public land site visits.
- Conducted 19 public presentations on turkey ecology and management.
- Participated in two National Wild Turkey Federation sponsored field days.
- Wrote 20 turkey related articles and updated the MDWFP Wild Turkey web site.
- Provided technical guidance on turkeys issues via more than 650 e-mails and phone calls.
- Conducted brood, disease, fall hunting, and Spring Gobbler Hunter surveys.
- Coordinated Acorns for Wildlife program and delivered more than 40,000 oak seedlings to landowners.
- Provided recommendations on turkey hunting season dates and bag limit regulations.
- Published the 2010 *Spittin' and Drummin' Wild Turkey Report*.

Small Game Program

The MDWFP Small Game Program directs strategic planning activities for Bobwhite Quail, squirrels, rabbits, and bullfrogs. Small Game Program's two biologists provide technical guidance to both private and public land managers on small game habitat and population management. Program personnel also conduct population monitoring, outreach, and education activities. In FY10, the Small Game Program:

- Conducted 12 private land, and 9 public land site visits.
- Provided technical guidance through 189 e-mails, 157 phone calls, and 27 forum posts.
- Cooperated in delivering new Conservation Reserve Program, CP38--Bobwhite Quail Habitat Practice.
- Provided funding to Mississippi State University for bird population monitoring for Conservation Reserve Program, CP33--Habitat Buffers for Upland Birds Practice.
- Coordinated Mississippi Bobwhite Quail Working Group.
- Conducted 20 small game related public presentations.
- Wrote 5 publications on small game issues.
- Conducted quail call counts on public and private lands and quail hunter surveys.
- Responded to requests and provided recommendations on small game hunting season dates and bag limit regulations to the public.
- Supported 5 youth events involving 80 youth and 62 parental participants during 2 squirrel hunts, 2 quail hunts, and 1 gamebird education workshop.



Wildlife Management Program

Black Bear Program

The MDWFP Black Bear Program is responsible for the conservation and management of Mississippi's black bear population. Mississippi is home to two subspecies of black bear: the state endangered American Black Bear is found in the northern counties of Mississippi, and the federally threatened Louisiana Black Bear, found in the southern counties. Estimates place our state's bear population at approximately 120 animals--three times the population estimate of just five years ago. With this growing population, education of Mississippi's citizens and sportsmen on living with black bears continues to be a top priority of the program. Additionally, research conducted by the program has shed new light on movements and habits of Mississippi's black bears. Utilizing this information has positively impacted our black bear management and conservation efforts. In 2010, the Black Bear Program:



- Documented over 200 black bear sightings across the state.
- Monitored 78 bait stations and set 21 traps throughout Mississippi.
- Captured/handled 13 black bears.
- Monitored 20 individual black bears via radio telemetry.
- Downloaded over 12,000 GPS locations from 10 retrieved collars.
- Responded to 14 nuisance black bear reports.
- Conducted 28 public presentations.
- Provided 40 publications/interviews about black bears.
- Documented the births of 3 black bear cubs.

Alligator Management & Control Program

Mississippi is home to an estimated alligator population that exceeds 40,000 statewide. Alligators are, in part, regulated by federal regulations, yet state wildlife agencies have regulatory authority to manage and control alligator populations with approval by the United States Fish and Wildlife Service, Division of Management Authority. Mississippi has operated an approved program since 1989 and is coordinated by one wildlife biologist. Assistance is pro-

vided by regional biologist and local conservation officers. The Mississippi Alligator Management and Control Program was originally established to manage statewide nuisance alligator complaints and to monitor licensed commercial alligator ranches. Statewide, the program licenses 25 private individuals, called agent alligator trappers, to assist the agency with alligator complaints captures, relocations, and harvest. Agent trappers receive no compensation from the agency. Agent trappers are permitted to commercially dispose of all alligators harvested. The agency receives approximately 300-500 alligator complaint calls annually. The program is responsible for documenting, tagging, and reporting all nuisance alligators harvested by MDWFP personnel and its agents. The program is responsible for regulatory monitoring of four commercial alligator ranches, statewide. The program conducts annual nighttime alligator survey routes on over 200 miles of 16 different public waterways to monitor population trends.

In 2005, the program expanded its management role by establishing the state's first public alligator hunting season. Alligator hunting is a limited opportunity and permits are issued by a lottery process. Alligator hunting opportunities have increased and expanded every year since 2005. The alligator program coordinator provides an alligator hunting season proposal to the Commission of Wildlife, Fisheries, & Parks each year. In 2009, there were two public water hunting zones and 13 counties open to private lands alligator hunting opportunities. Since 2005, the program has conducted mandatory training courses to over 1,000 alligator hunting permittees.

2010 Accomplishments:

- 239 nuisance alligator complaints investigated
- 4 licensed alligator ranches
- 209 Miles of alligator routes surveyed
- 224 Public water hunting permits issued
- 75 Private lands hunting permits issued
- 213 Alligator season harvest total
- 95 Alligators tagged/released for research project
- 30 Alligators outfitted with radio-telemetry transmitters on the upper Pearl River

Wildlife Management Program

Wildlife Research Program

The Wildlife Research Program's mission is to develop meaningful research designed to guide wildlife management decisions. Research projects are often cooperatively conducted with the Mississippi State University Department of Wildlife, Fisheries, and Aquaculture. During FY10, our Federal Aid in Wildlife Restoration funds:

- Coordinated 11 wildlife research projects.
- Monitored waterfowl populations and banded wood ducks.
- Evaluated the Wildlife Bureau's Information and Education Program.
- Supported the multi-state, multi-agency Southeastern Cooperative Wildlife Disease Study Group.
- Conducted dove coo-count routes to monitor populations.
- Coordinated a mail-harvest survey for hunters and trappers.
- Evaluated environmental and genetic effects on deer antler production.
- Evaluated black bear habitat use and spatial ecology.
- Evaluated wild turkey habitat distribution in the Delta.
- Assessed the lactation index for managing white-tailed deer populations.
- Evaluated waterfowl hunt management and sanctuaries on WMAs.
- Completed evaluation of wild turkey gobbling activity and long-term gobbling trends.
- Developed the 2010 Wildlife Research Program annual report, *Wildlife Research Findings – 2010*.

Exotic Species Program

The MDWFP Exotic Species Program is responsible for permitting administration of inherently dangerous animal species as well as providing technical guidance to other MDWFP bureaus and local, State, and Federal agencies relative to exotic species. The program biologist currently spends 50-60 percent of his time supporting the White-tailed Deer Enclosure Permitting Process. Efforts are being made to design furbearer surveys to be conducted on wildlife management areas.

- Administered Permitting Program for inherently dangerous animal species.

- Conducted inherently dangerous animal facility and temporary exhibitor inspections. Involved in one Federal and two State court cases.
- Cooperated with Federal authorities on licensing investigations.
- Provided exotic species technical guidance to State and Federal agencies and general public.
- Cooperated with State Veterinarian on illegal animal importations.
- Provided support to MDWFP Enforcement Bureau on illegal wildlife sales.
- Coordinated administration of White-tailed Deer Enclosure Permits including creating database of permitted facilities; recording, depositing, and setting up database of fee income; and creating and distributing all documentation relative to annual permit renewals. Issued following permits for permit year 2010-2011: WTD Enclosure Facility=84, WTD Enclosure Breeder=13, WTD Intrastate Transport=1, Big Game Commercial License=17.
- Assumed responsibility for reviewing applications and issuing White-tailed Deer Interstate Transport Permits. Issued 35 permits for movement of 421 deer.
- Initiated furbearer population monitoring on public lands.
- Represented the MDWFP on the U.S. Fish and Wildlife Service Florida Panther Recovery Team.
- Assisted with the Mississippi Animal Working Group.
- Initiated plans for agency licensing of outfitters and guides by drafting regulations and creating database of known outfitters and guides in Mississippi.



Wildlife Management Program

WMA Timber Program

The MDWFP Forester and WMA Timber Program Coordinator work in tandem to conduct proven timber management practices on all wildlife management areas. A General Forest Management Plan has been adopted for wildlife management areas and provides the foundation for sound forest management decisions that will affect wildlife habitat on agency lands in the future. The Timber Program is following guidelines to maintain WMA forestlands in desired forest conditions developed by the Lower Mississippi Valley Joint Venture. In FY 2010, the program:

- Trained Wildlife Bureau Technical Staff on timber marking, timber merchandising, habitat inventorying, and desired forest conditions in the Lower Mississippi Alluvial Valley.
- Conducted habitat inventories on O'Keefe, Malmaison, Shipland, Copiah County and Marion County WMAs, totaling over 32,000 acres.
- Harvested timber on:
 - Charles Ray Nix WMA (980 acres) to improve the habitat for Bobwhite Quail.
 - Theodore A. Mars WMA (68 acres) for longleaf pine restoration.

- Marked timber to be harvested for wildlife habitat improvement on:
 - O'Keefe WMA – 278 acres
 - Copiah WMA – 123 acres
 - Malmaison WMA – 57 acres
- Generated over \$140,000 from timber sales on Charles Ray Nix and Theodore A. Mars WMAs.
- Controlled burned:
 - 1,650 acres on Marion County WMA
 - 300 acres on Copiah County WMA
- Participated in 3 Project Learning Tree workshops that trained 42 elementary and high school teachers.



Freshwater Fisheries Management Program

Issues and Concerns

- Number of licensed anglers has shown a decreasing trend since the late 1980's.
- Public demand is high for more access to public waters via boat or bank fishing.
- Introduction of exotic species may impact native fish populations.
- Fishery habitats in many areas are degrading due to such things as siltation, erosion, poor water quality, stream alterations, lower ground water levels and lake water levels.
- Standardized sampling and reporting procedures need to be developed.
- Infrastructure of fish hatcheries and State lakes are in need of repairs and renovations.

Program Goals

- Encourage and provide fishing opportunities on private waters by providing technical assistance to the general public and to other governmental agencies.
- Conduct fisheries research and surveys.
- Provide fishing opportunities on State lakes.
- Provide public assistance in fisheries related matters.
- Provide access to public waters.
- Provide support for operations infield and field personnel.
- Develop improved culture techniques for hatcheries.
- Provide fish for stocking public waters.

Program Objectives and Highlights

Statewide Fisheries Management and Research

- Identify fisheries management needs.
- Develop management plans and harvest regulations for public waters.
- Monitor angler preferences and characteristics.
- Improve sampling techniques and strategies.
- Conduct fishery sampling in approximately 56 public waters.
- Provide technical assistance to private water owners and other government agencies.
- 525 private waters assessments were conducted at a total cost of \$41,205.
- Community Assistance Program manages 14 ponds containing 61.1 water-acres.
- Conduct Fisheries research funded through Mississippi universities and colleges.
- Best Management Practices (BMP) for invasive plant control and restoring fisheries in Delta waters, and experimental demonstration to determine best methods for control of aquatic plants in Delta lakes.
- Promote Crappie recruitment in Northwest Mississippi reservoirs.



North Mississippi Fish Hatchery

Freshwater Fisheries Management Program

State Fishing Lakes

- Operate, maintain, and improve 21 State lakes for quality fishing opportunities.
- Renovate lakes to improve fishing and develop new lakes.
- Anglers spent 34,744 days fishing on State lakes.
- Management of State lakes cost totaled \$ 1,763,819.
- Lake Walthall has been transferred to Walthall Co. Board of Supervisors for operation and maintenance.

Aquatic Education

- Provide information and education services (e.g., public talks, Web site, fishing reports, fishing rodeos, etc.).
- This year, 49 fishing rodeos were held involving 6,108 participants.

Public Boating Access

- Meet federal mandate to spend 15 percent of Sport Fish Restoration funding on boating access.
- Provide barrier-free bank fishing opportunities in public waters.
- Boat ramps and piers, totaling \$183,832.87 were constructed at the following sites:

BOAT RAMPS	
LOCATION	COUNTY
Leaf River	Greene County
Jourdan River	Hancock County
Lake Walthall	Walthall County

FISHING PIERS	
LOCATION	COUNTY
Lake Tom Bailey	Lauderdale County
Neshoba Lake	Neshoba County
Stafford Park	Pontotoc County

Fisheries Administration

- Administration functions included preparation and monitoring of budgets; purchasing, personnel supervision; work plan monitoring, maintaining databases; Federal Aid grants; formulating statewide fishing regulations; and ensuring Public Notices for fishing regulations are advertised in area newspapers.
- Reports were completed for the following Federal Aid grants:
 - F-68 Statewide Fisheries Management
 - F-70 Aquatic Education
 - F-71 Public Access and Boating Facilities
 - F-106 State lakes Management
 - F-142 Promoting Crappie Recruitment in Northwest Mississippi Reservoirs
 - F-141 BMP for Invasive Plants in Delta
 - F-3 New Federal aid Grant for Fish Administration
- Provide public fishing records--New State Record Fish established include:
 - Rod and Reel: Flathead Catfish – 77 lbs.
 - Fly Fishing: Warmouth – 0.63 lbs and Grass Carp – 26.2 lbs
 - Trophy: Bighead Carp – 83.1 lbs and Spotted Gar – 11 lbs.
- Personnel served as members of DEQ River Basin Advisory Committee; Lower Mississippi River Conservation Committee; Mississippi Intrastate Conservation Resource Agency Committee; American Fisheries Society Committees; Southeastern Aquatic Nuisance Committee; Lower Delta Partnership; Southeastern Aquatic Resources Partnership; and the Mississippi State University Advisory Board.



Freshwater Fisheries Management Program

Engineering and Construction Projects

- North Mississippi Fish Hatchery (Yalobusha Co.) – Construction is underway for additional ponds.
- Lake Charlie Capps WMA (Bolivar Co.) – Renovation was completed on the fishing lake.
- Lake Dockery (Hinds Co.) – Construction renovation was completed on the lake levee.
- Lake Jeff Davis (Jeff Davis Co.) – Construction started on renovation of the lake dam.
- Kemper County Lake (Kemper Co.) – Construction was completed for sewer hookups to 24 existing camp sites in FY10.
- Calling Panther Lake (Copiah Co.) – Repairs to 300 ft. on the downstream slope of the levee was completed in FY10.

Fish Hatcheries and Fish Stocking

- Additional pond construction was funded with in-kind service from Yazoo-Mississippi Delta Levee Board.
- Hatchery projects totaled \$687,817.
- Stocked 1,911,213 fish into public waters.



Lake Bogue Homa

MDWFP FISH STOCKING FY 10		
NUMBERS	COUNTY	WATERS
Florida Largemouth Bass		
9,400	George	Pascagoula River
9,406	Jackson	Pascagoula River
10,000	Lauderdale	Lake Tom Bailey
130,000	Lowndes	Columbus Lake
160,000	Madison	Ross Barnett Reservoir
66,000	Monroe	Aberdeen Lake
25,000	Oktibbeha	Oktibbeha County Lake
Total: 409,806		
Northern Largemouth Bass		
60,000	Bolivar	Lake Bolivar
125,000	Coahoma	Moon Lake
20,000	Humphreys	Little Eagle Lake
263,340	Lee	Tupelo Hatchery
2,000	Leflore	Little Round Lake
100	Oktibbeha	MS State Research Ponds
Total: 470,440		
Hybrid Striped Bass		
75,000	Desoto	Horn Lake
7,000	Lauderdale	Lake Tom Bailey
50,000	Lincoln	Lake Lincoln
6,000	Oktibbeha	Oktibbeha County Lake
111,200	Warren	Eagle Lake
Total: 249,200		



Freshwater Fisheries Management Program

MDWFP FISH STOCKING FY 10		
NUMBERS	COUNTY	WATERS
Channel Catfish		
345	Pike	Percy Quin State Park
553	Simpson	Simpson Lake
500	Tunica	Tunica Convention Center
1,000	Yalobusha	Enid Rodeo Pond
505	Scott	Golden Memorial State Park
531	Coahoma	Levee Board Pond
1,050	Grenada	Grenada Rodeo Ponds
500	Jones	Gator Pond Chickasawhay NF
501	Lauderdale	QV Sykes Park
755	Lauderdale	Lake Tom Bailey
700	Pike	Percy Quin State Park
550	Tippah	Tippah Co Lake
550	Winston	Legion State Park
535	Yalobusha	NMFH VEC Rodeo Pond
750	Franklin	Clear Spring Homochitto NF
750	Harrison	Airey Lake Desoto NF
575	Jasper	Lake Claude Bennett
788	Leake	McMillan Park Carthage
273	Pontotoc	Trace State Park
Total: 11,711		
Flathead Catfish		
3,000	Desoto	Arkabutla Lake
Total: 3,000		
Walleye		
6,000	Chickasaw	Davis Lake
40,000	Itawamba	Bull Mountain Creek
50,000	Itawamba	Tombigbee River
100,000	Lee	Tupelo Hatchery
51,660	Lowndes	Luxapalila
8,680	AL	Marion Fish Hatchery
14,280	Oktibbeha	Oktibbeha
400	Yazoo	Vicksburg ACE
Total: 271,020		

MDWFP FISH STOCKING FY 10		
NUMBERS	COUNTY	WATERS
Triploid Grass Carp		
1,200	Clarke	Clarkco State Park
50	Coahoma	Coahoma CAP
100	Coahoma	Coahoma CAP
650	Holmes	Holmes County State Park
378	Lee	Lake Lamar Bruce
312	Lee	Tupelo Hatchery
100	Lowndes	Black Prairie WMA (2 ponds)
1,000	Lowndes	Lake Lowndes State Park
1,000	Marion	Lake Bill Waller
1,000	Marion	Lake Columbia
1,200	Marshall	Duck Pond
280	Marshall	Wall Doxey State Park
2,500	Neshoba	Neshoba Lake
4,500	Pontotoc	Trace State Park
150	Scott	Beaver Lake
4,783	Warren	Eagle Lake
Total: 19,203		
White Crappie		
101,300	Warren	Eagle Lake
Total: 101,300		
Coppernose Bluegill & Redear		
600	Coahoma	Coahoma CAP
300	Oktibbeha	MS State Research Ponds
650	Oktibbeha	MS State Research Ponds
650	Oktibbeha	MS State Research Ponds
350	Oktibbeha	MS State Research Ponds
Total: 2,550		



Law Enforcement Program

Program Objectives

- Maintain hunter and boating education as mandatory programs to meet the demand, and insure that hunting and boating in Mississippi is safe, responsible and productive by creating educational procedures, programs, policies and schedules that are efficient, consistent and user friendly.
- Strive to create more informed, trained, and effective wildlife conservation officers through advanced training and inter-divisional program participation.
- Provide officers with necessary equipment and resources to investigate and successfully prosecute individuals or groups who exploit our wildlife resources.
- Assist other agencies and the public by insuring Mississippi sportsmen are safe and responsible for themselves and our valuable resources.
- Provide training and equipment for future disaster relief and homeland security.

Work Force Status

- Law Enforcement Chief
- 2 Assistant Chiefs
- 3 Law Enforcement Administrators
- Hunting/Boating Administrator
- 3 District Captains
- 19 Sub-District Lieutenants
- 4 Hunter/Boating Education Coordinators
- 151 Conservation Officers
- 4 Special Operations Covert Agents



Accomplishments

- 11,693 students were trained and certified in Hunter Education.
- Officers investigated 8 firearm/bow related hunting accidents and 15 tree stand related hunting accidents.
- Combined, over 1000 hunter and boating education classes were held in FY10.
- Officers investigated over 1100 cases involving problem Boat Registrations, and/or removed or missing hull numbers.
- 5,761 students were trained and certified in boating safety.
- Officers investigated 51 boating related accident/incidents with 30 injuries and 11 fatalities.
- Officers issued over 10,362 citations in FY10:
 - No resident license was the highest at 2,350

- Boating related citations were second at 1,633
- Boating Under the Influence at 29
- Hunting over bait at 461
- Trespassing at 746
- Hunting from public road at 688
- No license by Non- residents at 642
- Deer hunting without hunter orange at 301
- Head lighting deer at 290
- 3,222 other citations such as Littering and Hunting out of Season were issued.
- Worked with Agency in creating a regulation that requires all hunters in elevated stands to wear a restraint harness while on State owned property.
- Agency purchased property in south Mississippi for a new shooting facility. Construction will be funded by a Federal grant.
- Implemented a new cost saving program to compare repair and maintenance costs on vehicles and boats.
- MDWFP officers (first responders) received training from MEDCOM on locating safe helicopter landing sights and performing basic first aid treatment. This will be beneficial in the safe and timely air evacuation of accident victims.
- 80 MDWFP officers received Hazwoper Class certification. These officers assisted MDEQ and MDMR in the clean up of the Deepwater Horizon oil spill on the Mississippi Gulf Coast.
- In an effort to reduce costs, officers are addressing problem areas with organized details, rather than working alone. These details allow MDWFP to cover a wider area and handle multiple problems related to each situation while reducing costs. License and boat safety checks have also increased due to this strategy.



Jason L. Price

The Mississippi Museum of Natural Science

Summary of Accomplishments

Public Programs

(Education and Aquarium)

- Served a grand total of 292,818 people.
- Hosted 150,004 visitors at the Museum from all 82 Mississippi counties, all 50 states, and 65 foreign countries.
- Conducted 679 in-house classroom presentations for grades PreK-College for over 28,576 students.
- Planned, organized and conducted 45 six-hour Project WILD and Project WET Teacher Workshops. More than 725 educators participated.
- Planned, organized, and conducted six workshops for 201 statewide preschool teachers. This included the introduction of the new Growing Up Wild workshop program.
- Conducted 13 Boy and Girl Scout programs and workshops with over 450 attendees
- Planned, organized, and executed major events including NatureFEST, Make-A-Splash, Fossil Road Show, Back to School Night for Teachers, Principal's Luncheon, International Migratory Bird Day, Got Fish?, Environmental Film Festival and others.
- Hosted opening receptions for new exhibits, 6 MDWFP training/meetings, 12 lectures, and 32 meetings.
- Conducted eight sessions of Camp WILD for 119 children, three camp sessions for 69 Stewpot Kids, and a Junior Naturalist Camp for 29 youth, grades 6-7.
- Organized and executed eight Fun Friday programs for families.
- Conducted more than 150 interactive fish feeding sessions and led 30 "behind the scenes" tours of the aquariums. Introduced saltwater specialty tanks and visitor touch tanks for "Monsters of the Deep" exhibit.
- Sponsored Junior Duck Stamp Art Competition, exhibition and reception.

Outreach

- Served approximately 104,000 people through Museum outreach.
- Presented 1,001 interactive classroom programs to approximately 58,703 students throughout Mississippi in their schools.
- Partnered with Mississippi Wildlife Federation and Walmart to host Katfishin' Kids event with more than 813 participants.
- Provided information, resources, videos, classroom object kits and technical guidance to approximately 38,800 Mississippians.
- Provided objects and information to MDWFP Conservation Officers for use in programs.

Community Service

- Over 130 Museum Volunteers and groups contributed more than 6,530 hours of volunteer time, equivalent to a dollar value of \$132,237.
- Completed outdoor projects including trails repair, introduced species removal, gardening and trash pickup.
- Twelve Eagle and Boy Scout troops completed projects including building retaining walls and benches.
- Provided services including greeting visitors, gift shop assistance, exhibit interpretation and maintenance, informal programs, special event assistance, research assistance, collections assistance, trail, grounds and garden maintenance, library services, aquarium diving, special projects assistance, and general office functions.



The Mississippi Museum of Natural Science

Conservation Biology

- Provided technical assistance and identified specimens for organizations including the U.S. Army Corp of Engineers, U.S. Department of Agriculture, U.S. Fish and Wildlife Service, Mississippi Department of Transportation, U.S. Forest Service, the Mississippi Nature Conservancy, MDWFP Law Enforcement Officers, and the general public.
- Consulted with numerous private landowners on species and habitat management.
- Responded to more than 2,695 requests for information about non-game species.
- Accessioned/registered more than 328 new collections.
- Cataloged over 7,781 specimens.
- Maintained over 1,034,000 specimens in the scientific collections.
- Loaned or transferred 63 specimens/tissue samples to outside agencies and institutions throughout the U.S.
- Completed more than fifteen species conservation research projects throughout the State, utilizing more than \$1,000,146 in Federal funds.
- Maintained over 28,712 species occurrences in Natural Heritage Database.
- Provided comments to 581 environmental review requests.

Library

- Maintained 18,100 volume research public library.
- Responded to approximately 1,791 reference inquiries.

Exhibits

- Monsters of the Deep: 87,986 visitors, July 1, 2009–January 8, 2010
- Home Sweet Home: 42,258 visitors, February 13, 2010–May 13, 2010
- Megalodon: 18,076 visitors, June 4, 2010–June 30, 2010

Awards

- Best Museum from *Parents & Kids Magazine*
- Recognized as an AAA Southern Travel Treasure
- SUMITT Award for Attraction of the Year - Jackson Convention and Visitors Bureau
- Best Museum from *Mississippi Magazine*
- Red Rose Award to Libby Hartfield from Delta Kappa Gamma Society
- Family Choice Award from Family Magazine Group
- 2009 Environmental Hero and Recycler of the Year for State Government Agencies from the Mississippi Recycling Coalition
- Joe McGee, Outreach Educator, named Mississippi's Project WILD Facilitator of the Year



Support Services Program

Goals and Objectives

Support Services is responsible for maintaining the Executive Director's level of support that includes Commission, personnel, budget and planning, marketing, and district office management. Other areas of responsibility include oversight and upholding high professional standards of purchasing; accounting; fleet; licensing; boat registration and titling; media; marketing; fixed asset reporting; information technology; warehouse services; and maintaining the Jackson office facility. In addition, Support Services:

- Provides opportunities for public input by conducting monthly commission meetings throughout the State.
- Maintains effective interviewing procedures; provides new employee orientation; offers management and technical training opportunities to all employees; and maintains personnel policies and procedures.
- Coordinates the maintenance and further development of the Agency's comprehensive management plan.
- Coordinates, develops, and implements the Agency's budget; strategic plan; program plans; project work plans; and annual report.
- Provides marketing and promotional services.

Status Report

- Monthly Commission meetings were conducted in a variety of locations throughout the State.
- The Agency's FY-12 Budget Request, comprised of approximately 300 projects, was prepared, and submitted as required by the Department of Finance and Administration.
- Updated the Time, Attendance, and Leave Code Book (TAL) to capture data needed to produce reports that accurately reflect activity by the Agency and is used as a management tool. The Department continues to explore ways to enhance services internally. Vendor presentations for time/accountability and payroll system upgrades have been scheduled.
- The "Career Ladder" merit promotion system, including salary structure and rank hierarchy for approximately 227 sworn law enforcement personnel is currently suspended.
- The Department continues to seek new sources of revenue for implementing conservation programs and procure land for Wildlife Management Area

conservation. Wildlife Car Tag sales totaled \$610,980.

- The Point of License Sale (POS) System continues to improve accountability of license sales since being implemented on July 1, 2002. The License and IT Departments along with our license sales vendor are developing the first stand alone license kiosk. Statewide deployment is expected by July 2012.
- GAAP financial reports were compiled bi-annually and submitted to the Department of Finance and Administration to reflect the Agency's financial status on a modified accrual basis, as presented in the State's Comprehensive Annual Financial Report. Nine GAAP reporting packages were prepared.
- Revenue, in excess of \$15,000,000 from various grants, was provided through the Department of Interior, U.S. Army Corp of Engineers, U.S. Coast Guard, and U.S. Department of Agriculture.
- Special Fund Revenues in excess of \$60,000,000 were documented by fund and revenue source, and deposited into the State Treasury. In-house revenue systems were maintained on hunting and fishing license sales, park user fees, and lake sales to provide additional information not maintained within the statewide accounting system or through the State Treasury.
- Boat Registration is mandated by Section 59-21-1, Mississippi Boating Act of 1960, which requires MDWFP to register all motorized vessels and sailboats within the State. This year, over \$847,000 was collected from 54,216 boat registrations. In addition, over \$28,000 was received from boat/motor titling.
- The Purchasing Department routinely provided training opportunities to teach and refresh MDWFP employees agency and State purchasing procedures. Purchases in FY-10 were made in accordance with policy established by the Agency, vendor contracts, State contracts (negotiated and exclusive), formal or informal bidding process, or by policy established by other regulatory agencies.

- The Property Department utilizes a bar-code purchase requisition tracking system, in addition to an electronic filing/indexing system that includes purchasing, property, fleet and accounting documents. Property maintains records and submits

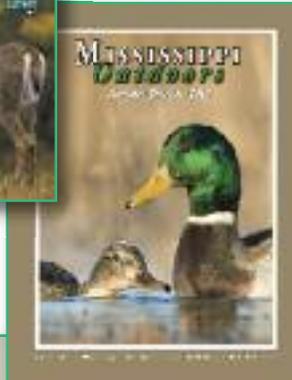


Support Services Program

all required reports on equipment, lands, and buildings charged to MDWFP by the State Auditor's Office--Bureau of Property Control. The value of all equipment, land, and buildings as of June 30, 2010, was over \$226,027,000 and in excess of 17,366 items. These items are periodically audited by the Property Division in conjunction with self-audits conducted at the District Offices.

- The Distribution Center staff processed and delivered 5,000 orders in FY10. Deliveries were made as needed to State parks, district offices; and daily to the Jackson Office headquarters. Distribution Center services were reduced due to purchasing changes and program needs.
- The Fleet Operations Division verified and maintained operational costs on all Agency vehicles. Costs included fuel usage, new vehicle procurement, used vehicle sales, loans and transfers, accident investigations and reporting, processing repair and maintenance invoices, processing fuel and maintenance purchases, acquiring and maintaining vehicle titles, overseeing and maintaining the Jackson office motor pool, ordering petroleum credit cards, and purchasing vehicle license plates.
- The Bureau of Public Affairs conducted 64 media interviews/news conferences (television, newspaper and radio). Fifteen additional media inquiries were handled during weekends and holidays. The Bureau also coordinated 21 media interviews for other Agency bureaus and divisions. Public records requests from the media were handled in accordance to law on two separate occasions. The Bureau of Public Affairs also participated in four special events: The Mississippi Wildlife Federation Expo, Mississippi Wildlife Federation Awards Banquet, Ducks Unlimited Heroes of Conservation Awards Banquet, and the Governor's Duck Hunt. Bureau staff attended four legislative meetings and networking sessions, and one Board of Supervisors meeting.
- The Bureau's TV Video Productions Staff produced 48 new *Mississippi Outdoors* television segments. Other video projects were produced for the Foundation for Mississippi Wildlife, Fisheries, and Parks; and for the 2009 and 2010 Southeastern Association of Fish and Wildlife Agencies conferences. Production staff participated in MDWFP law en-

forcement activities and covert operations. Video B Roll (Visual support) was edited and distributed to various news outlets throughout the State in support of the many media interviews/news conferences involving the Agency. Boater Safety public service announcements were produced and circulated statewide. This award winning television show is now airing on myoutdoortv.com, offering an additional web based promotion of the Agency's many programs, goals, and objectives.



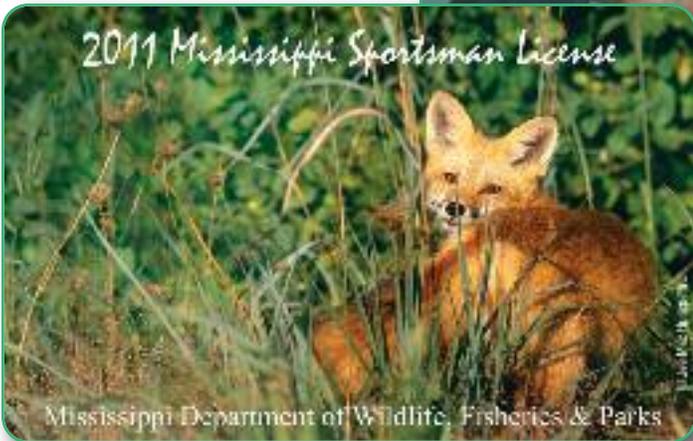
- *Mississippi Outdoors* magazine is a 44-page, full color, bi-monthly publication of MDWFP. During FY10, six issues were printed and published. The subscription rate is \$9 for one year and \$15 for two years. An average of 23,000 subscribers are on the mailing list. Complimentary copies were distributed at trade shows, school events, and exhibits. *Mississippi Outdoors* magazine is in its 73rd year of publication. Each issue contains news, events and feature stories on outdoors-related subjects including information on State Parks, Wildlife Management Areas, State Lakes and a kid's page. R.R. Donnelley and Sons of Senatobia, Mississippi prints the magazine.



- Printing Services provides printed materials and graphic design for public information, marketing, and internal agency purposes. In FY10, a total of 3,553,900 copies were printed at our in-house print facility using offset and digital printing methods. Jobs designed and printed include *Mississippi Outdoors* magazine, *Mississippi Outdoor Digest*, WMA rules/regulations, hunter surveys, program reports, hunting season cards, letterhead, envelopes, etc. Mail services for the central office is a unit of Printing Services.
- Marketing is responsible for making the public aware of the many services available through the Agency. In addition, Marketing creates/facilitates strategies designed to increase license sales and park reservations. Direct mail, print media, radio, TV, displays, billboards, internet, and public service announcements are utilized as marketing tools.

License Sales

LICENSE SALES & BOAT REGISTRATION



2010 LICENSE SALES		
LICENSE	NUMBER SOLD	REVENUE
Resident	356,059	\$6,402,163
Non-resident	132,031	\$8,771,959
Other	13,464	\$101,588
Lifetime	470	\$347,535
<i>FY 10 Total</i>	<i>502,024</i>	<i>\$15,623,245</i>

Saltwater not included.

Mississippi State Parks

Goals and Objectives

- Maintain the 5-year plan for the renovation, repair and new construction projects for all Mississippi State Parks
- Continue working relationship with Legislature.
- Conduct a complete evaluation of all parks revenues and expenditures.
- Continue to manage/offer Land and Water Conservation Funds, and Trails monies.
- Provide in-service training to staff through managers meetings.
- Market every park to the fullest as resources allow.
- Develop training programs for managers and assistant managers to increase skills in dealing with the public/media.
- Maintain and preserve all natural resources in Park.
- Maximization of Park staff as needs change through growth and park usage.
- Privatize utilities in state parks.

Accomplishments

- Reworked and implemented needed changes in both of Parks' public notices as follows:
 - Fees – Increase and consolidation of Cabin and RV user fees to include extra activities. Increase of user fees to cover increased costs of doing business.
 - Rules and Regulations – Reworked to make it easier to navigate and read; eliminated redundancies and errors; and implemented new rules and regulations that reduce costs to the agency and make camping more convenient to the public.
- Rebid and entered into new contract for parks linen service saving the agency approximately \$46,066.
- Reduced operating costs by approximately \$300k by implementing:
 - Contracting only part time employment;
 - Strict purchasing controls requiring essential purchasing only; and
 - Not filling non-essential full time positions.
- Received and administered \$866,000 in Land & Water, and Recreational Trails funds.
- Initiated regular park inspection process conducted by park operations. The new process includes a thorough inspection of all facilities and buildings within each park; 19 inspections where conducted.
- Prepared Parks' cost cutting plans that include seasonal closures, reducing Park staff and using contract employ-

ees, contracting out grounds maintenance at northern parks, in addition to closing non cost-effective facilities and parks.

- Renovations and repairs (R&R) completed in FY10 are as follows:
 - Percy Quin
 - Renovated 2 group huts in Group Camp.
 - Renovated 1 bathhouse/pavilion.
 - Paul B. Johnson
 - Renovated restroom facility in day use area.
 - Wall Doxey
 - Renovated Group Camp buildings.
 - Lake Lowndes
 - Installed new roof on gymnasium.
 - Roosevelt
 - Renovated camp ground bathhouse/laundry building and installed new roof.
 - Statewide
 - Replaced 2500 ft. of underground wiring (primary and secondary).
 - Responded to 937 service calls.
 - Repaired 66 underground burnouts.
 - Savings using our own R&R staff totaled \$232,950.



Issues and Concerns

- We continue working toward making needed renovations and repairs to existing facilities as funding permits. Needs are prioritized based on park amenities and usage.
- Budget cuts have effected park operations and possible future budget cuts will seriously effect what services we provide, schedule of operations, staffing and determine if we can keep all of our parks open. We have prepared plans that could be further developed and implemented for all of the above scenarios.
- Many of our parks have failing infrastructure due to age. Repairing failing infrastructure is often a “stop gap” measure and does not hold off the inevitable.

Facilities and Grounds Development

Goals and Objectives

Provided technical assistance in the preparation of the departmental five year plan for proposed construction and renovation projects. This plan was submitted to the Bureau of Building, Grounds, and Real Property Management on April 9, 2010, for consideration by their staff and the state legislature. This report includes FY 2012 - FY 2016 proposed capital improvement and repair and renovation projects totaling \$102,687,066. High hazard dams and spillways are # 1 priority at \$8,469,750 including five state parks and four state lakes.

These proposed five-year plan projects will significantly contribute in achieving our Department's mission: To conserve and enhance Mississippi's natural resources, to provide continuing outdoor recreational opportunities, to maintain the ecological integrity and aesthetic quality of the resources and to insure socioeconomic and educational opportunities for present and future generations.

Summary of Accomplishments

House Bill 1701, Laws of 2010: \$3,000,000

- The legislature passed House Bill 1701, Laws of 2010, which provides bond funds totaling \$ 3,000,000 to DWFP as follows:

“Construction of minor new facilities, additions to, and repair and renovation of existing facilities and furnishing and equipping of facilities, repair to dams, spillways and other infrastructure.”

Emergency Funds of \$2,250,000 for Renovation & Repair

- The Bureau of Building, Grounds & Real Property Management, notified DWFP “Facilities & Grounds Development” in June 2010 that Emergency Funds had been designated totaling \$750,000 for Dam and Spillway Repairs and \$1,500,000 for renovation and repair of Campground Bathhouses and Comfort Stations in state parks.

Implementation of Bond Bills

- **HB 1351, Laws of 2010, transferred remaining bond bill funding authorization to the Pat Harrison Waterway District:**

SB 3208, 1999	George County Lake	Bond Bill Transferred	\$392,107.00
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- **SB 2988, Laws of 2003Total Bond Issue\$3,150,000**

Moon Lake State Park: \$2,500,000

Includes land acquisition in conjunction with Coahoma County. Coahoma County was required to contribute an additional \$2 million for land acquisition. The Commission on Wildlife, Fisheries, and Parks at their April 19, 2004, meeting authorized Coahoma County to proceed and purchase six parcels of land at Moon Lake utilizing Coahoma County funds. At the end of FY 2007, Coahoma County had acquired land totaling 644.88 acres. In FY 2008, Coahoma County transferred the 644.88 acres to the Department.

In addition to land acquisition, SB 2988, authorizes Phase I construction including, but not limited to, A) road and infrastructure construction, construction of a sixty-pad recreational vehicle campground with two (2) bathhouses, a boat ramp with piers, a gatehouse, a staff residence and maintenance facility; and B) furnishing and equipping all facilities.

During FY 08, topographic and site mapping for the 644.88 acres was completed. Completion of topographic and site mapping allowed for the completion of the Master Plan of Development, as well, during this fiscal year. Preliminary designs for Phase I development including park infrastructure and buildings also began in this fiscal year.

Facilities and Grounds Development

During FY 09, construction documents were completed for the RV campground, infrastructure and buildings. After initial cost estimates greatly exceeded the available funds, the scope of work was reduced to construction of RV campsites, infrastructure and a campground bathhouse. Bids taken in March 2009 exceeded the available project funds. Due to budget restrictions, this project was placed on hold during FY 10.

Duplex Cabins: \$650,000

Both the Lake Lowndes and Trace State Park cabin projects were re-bid in FY 09 and construction contracts were issued for a duplex cabin at Lake Lowndes and Trace State Parks. Construction was completed in the spring of 2010. Cabin Dedications & Open House was conducted by Ramie Ford, Director of State Parks, on April 14, 2010, at Lake Lowndes State Park and on April 15, 2010, at Trace State Park.

- **SB 2010, Laws of 2004, projects completed (*), under construction (**) or in the planning/design phase:**

Lake Charlie Capps	Repairs & Improvements to Dam**	\$583,478.00
Tishomingo State Park	Road Repairs & Paving*	\$616,980.00
Paul B. Johnson State Park	Dam Repair & Renovation*	\$292,546.00
Total: \$1,493,004.00		

- **SB 3191, Laws of 2007, provided \$1,000,000 for general improvements and project completion. The following project was implemented at Lake Lincoln State Park:**

SB 3191, Laws of 2007	Lake Lincoln State Park	Road Repairs & Paving (Phase II)*	\$298,314.00
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- **Additional FEMA Funding Requested and Approved included the following:**

BUCCANEER STATE PARK	
Infrastructure - Change Orders #1 - #7	\$602,635.95
Ph. I Facilities - Change Orders #1 - #8	\$38,437.03
Ph. II Facilities - Change Orders #1 - #2	\$13,448.00
Ph. III Facilities - PW Shortfall	\$3,749,855.90
Total: \$4,404,376.88	



- **Hurricane Katrina Repairs and Reconstruction:**

During FY 2010, the following three Hurricane Katrina reconstruction projects were underway:



BUCCANEER STATE PARK	
Infrastructure Reconstruction**	\$7,180,135.00
Phase I--Facility Reconstruction**	\$3,861,736.00
Phase II--Facility Reconstruction**	\$698,408.00
Total: \$11,740,279.00	

Facilities and Grounds Development

In FY 08, a contract was issued by DFA, Bureau of Building & Grounds for Infrastructure. In FY 09, the infrastructure contract increased to \$7,180,135 which included the transformer platforms and other additional scope of work. In FY 09, bids were taken and contracts were issued for Phase I and II Facility Reconstruction as shown above. Phase I Facilities includes the Office, Maintenance Building, Gatehouse, three Campground Bathhouses, Manager & Asst. Manager's Residences. Phase II Facilities includes two Picnic Pavilions and one Comfort Station.



During FY 10, Planning and design was completed for Phase III Facilities including Water Park Facilities, Activities Building, Fencing, Picnic Pavilion #1 at Buccaneer East Day-Use Area. Public bids were taken for Phase III on April 1, 2010, by the Bureau of Building and Grounds. Eight public bids were received with \$ 5,156,000 being the low bid.

Phase III Facilities encompasses approximately thirteen FEMA PWs which were initially approved for approximately \$1,400,000. Additional FEMA funding of \$3,749,855.90 was requested for Phase III facilities in accordance with the low bid received.

- **SB 3201, Laws of 2007, projects that were completed (*), under construction (**) or in the planning/design phase for the following projects:**

SB 3201, LAWS OF 2007	
North MS Fish Hatchery Ponds**	\$1,110,665.25
Lake Dockery Dam Repairs*	\$1,038,778.00
Lake Jeff Davis Dam Repairs**	\$742,100.00
Percy Quin Spillway Repairs**	\$472,247.00
Total: \$3,363,790.25	

- **HB 1722, Laws of 2009, provided \$1,000,000 and HB 1634, Laws of 2006, provided \$801,982 for the Museum of Natural Science. Additionally, a federal grant of \$1,598,400 was received from NOAA and \$656,650 from the U.S. Park Service.**

State & Federal Funds	Natural Science Museum Expansion**	\$3,706,000.00
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ACTIVE PROJECTS GRAND TOTAL	BOND BILL, DFA and KATRINA PROJECTS	\$28,155,764.13
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Implementation of Departmental In-House Projects

- **Percy Quin Marina Replacement**

This Hurricane Katrina replacement facility was bid and placed under contract after FEMA's increased funding authorization was approved for \$153,043:

Percy Quin State Park	Marina Replacement*	\$300,876.00
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Facilities and Grounds Development

- Departmental Construction and Renovation Projects completed (*), under construction (**), or in planning/design phase:

STATE PARKS DIVISION		
Roosevelt State Park	New Cabin Furnishings*	\$75,599.00
Percy Quin State Park	New Cabin Furnishings*	\$118,136.00
George P. Cossar State Park	New Cabin Furnishings*	\$29,169.00
Buccaneer State Park	Fencing at South Boundary (Beach Blvd.)*	\$5,257.00
	Fencing at Day-Use Area (east)*	\$11,300.00
	Furniture, Equipment & Fencing*	\$112,014.50
Paul B. Johnson State Park	Splash Pad Construction**	\$538,150.00
Trace State Park	Duplex Cabin Furnishings*	\$18,184.38
Lake Lowndes State Park	Duplex Cabin Furnishings*	\$18,142.46
LeFleur's Bluff State Park	Master Plan*	\$9,800.00
Tishomingo State Park	Swimming Pool*	\$402,906.00
State Parks Division Total: \$1,338,658.34		
Federal Grant Increase	Tishomingo Swimming Pool & Paving*	\$215,000.00
	Paul B. Johnson Splashpad**	\$50,000.00
New Federal Grant	LeFleur's Bluff – Expansion Ph. II	\$700,000.00

FISHERIES DIVISION		
Calling Panther State Lake	Engineering/RV Campground on Hold	\$36,000.00
	RV Campground Const. – Project On Hold	
	Lake Dam Repairs	\$53,400.00
North MS Fish Hatchery	Landscape Maintenance Coordination*	\$500.00
	“How Fish Hear” – Exhibit Repair**	
Turcotte Fish Hatchery	Hatchery Expansion – Project On Hold	
	Expansion – Engineering On Hold	
J.P. Coleman Dock Addition	Engineering Design for Expansion on Hold	\$4,292.50
Fisheries Division Total: \$94,192.50		
Federal Grants Approved Total: \$965,000.00		

WILDLIFE MANAGEMENT AREAS		
Charles Ray Nix WMA	Engineering/Inspection Hdq. Building*	\$29,109.43
	Construction of Headquarters Building*	\$376,480.00
WMA Total: \$405,589.43		

Facilities and Grounds Development

DEPARTMENTAL PROJECTS		
Administration Building	Replacement of Sewer Line*	\$32,712.00
	Supervision of Landscape Maintenance*	\$27,972.00
	Supervision of Janitorial Service*	\$49,992.00
	Landscape Repairs at Sewer Line*	\$1,521.00
Departmental Projects Total: \$112,197.00		

Total In-House Projects	Parks, WMAs, Fisheries & Dept.	\$2,251,513.27
Total Bond Bill, DFA & Katrina Projects	Wildlife, Fisheries & Parks	\$28,155,764.13
Timber Sales--State Parks	Leroy Percy & Legion St. Parks	\$1,630.90
GRAND TOTAL: \$30,408,908.30		

- 2010 Joint Legislative & Bureau of Building Tour:** This annual tour is conducted to review facility requests for funding as submitted on the Annual Five Year DWFP Plan. A visit to John Kyle State Park was conducted on May 27, 2010. Ron Garavelli and Jessie Gurner of Fisheries, presented an overview of the state fish hatchery facilities. This presentation included a briefing concerning the Visitor Education Center at the North MS Fish Hatchery at Enid Reservoir which is open to the public. A visit to Percy Quin State Park was scheduled for August 2010.
- Children's Museum:** During FY 10 construction proceeded on the Children's Museum at LeFleur's Bluff State Park. In FY 08, a conversion of recreational park land usage was approved by the U.S. Department of Interior, National Park Service. The 4.39 acre site off Highland Drive is a prominent location with gently rolling terrain adjacent to the LeFleur's Bluff day-use area.
- Federal Grants Approved in FY 10 (\$965,000):** The following Outdoor Recreation Grants (50% federal match) were increased for the following projects: Paul B. Johnson Splash Pad Playground (\$200,000 + \$50,000 increase = \$250,000) and Tishomingo State Park Swimming Pool & Paving (\$200,000 + \$215,000 increase = \$415,000). A new grant was approved for LeFleur's Bluff State Park Expansion - Phase II (\$700,000). Additionally, the Moon Lake State Park Bathhouse & Trailhead grant was withdrawn (\$176,000).
- Sky Lake Nature Trail:** In FY 2010 preparation began on construction documents for an elevated, wooden, pedestrian walkway which terminates at one of the largest, specimen Bald Cypress Trees in Mississippi. The MS Fish & Wildlife Foundation had previously secured a Recreational Trails Grant totaling \$521,000 (80%), plus \$130,250 (20%) for the sub-recipient share, for a total project budget of \$651,250. During FY 10, a construction contract was issued by Wildlife Mississippi for a Comfort Station and Pavilion.
- Real Estate Services:** Coordinated the renewal of leases for Wildlife Management Areas and for Shepard State Park. Agricultural leases were renewed on Moon Lake State Park lands. Property lines at Great River Road were verified for accuracy by using GPS coordinates. Conferred with Bolivar County officials regarding the possibility of developing equestrian trails at Great River Road to increase park usage. Coordinated land appraisals adjacent to selected WMAs in consideration of additional land acquisition.
- Buildings & Contents Insurance:** H.B. 4, Laws of 2005, authorized DFA to purchase catastrophic insurance, required by FEMA after Hurricane Katrina, for all state buildings and contents. Facilities & Grounds Development coordinates this insurance coverage with DFA for 868 DWFP facilities, and/or buildings, and contents statewide.

Facilities and Grounds Development



Splash Pad at Paul B. Johnson State Park



Lake Bogue Homa



RV Campground at
Buccaneer State Park



Roosevelt State Park

During FY 10, we requested that DWFP's lake dam structures, valued at \$52,024,500, be added to catastrophic insured facilities. Greg Hardy, Director of MS Tort Claims Board, reported that the cost for this additional insurance coverage was declined by the legislature at that time.

- **Lake Dam Structures:** Our civil engineer inspected high hazard lake dam structures including earthen dams, primary spillways, emergency spillways, and mechanical components. Lake Lamar Bruce is in need of major repairs and is included in our Five Year R & R Plan. During FY 10, Lake Jeff Davis was placed under contract for needed repairs. Our engineer noted that spillway repairs are needed at Tombigbee State Park and lake leakage is occurring at Tishomingo State Park. A total of nine other lake dam structures, between 40 and 50 years old, need minor repairs.

Our civil engineer has valued the Department's 35 lake dam structures as follows:

State Lakes (21 Total)	\$27,296,500
State Park Lakes (14 Total)	\$24,728,000
Total Valuation	\$52,024,500

- **North Mississippi Fish Hatchery:** On February 25, 2010, the North MS Fish Hatchery facility was the recipient of an outstanding engineering award for utilization of water resources from the adjacent Corps of Engineers' Enid Reservoir. This distinguished award was issued concurrently to Neel-Schafer, project engineer, and MDWFP. On hand to receive this award was Ron Garavelli, Chief of Fisheries; Robbie Neely, Director of Facility & Grounds Development; David Bowman, P.E., and Steve Cockerham, P.E., of Neel-Schafer Engineering.
- **Timber Management on State Parks:** Revenue totaling \$ 1,630.90 was generated from timber sales at Leroy Percy and Legion State Parks. Additionally, our Forester assisted park managers with control timber management burns. A controlled burn on 200 acres was conducted at Legion State Park and on 350 acres at Lake Lowndes State Park.

buy **Wildlife** tags
to support wildlife conservation



Introducing the Labrador retriever
Conserving Wildlife car tag. A portion
of your purchase of MDWFP's
Specialty Conserving Wildlife tags
is utilized to support wildlife conservation.

