

GAME AND FISH LICENSE RESTRUCTURE OUTCOMES

Division	Line Item /Goal/Objective/Strategy	FY 2014 Authorization	Revenue Generated (3- 1-2014 through 9-30- 2014) and Expended	% Expended on projects	Outcomes/Description of Projects > \$50,000
Law Enforcement	General law enforcement	\$ 1,389,500	\$975,480	100%	<p>Increase educational/outreach/public safety contacts per conservation officer</p> <p><i>Project 1 -Used General Fund to run the 2014 Conservation Officer Academy which resulted in an additional 22 boots on the ground. Completed pre-screens, interviews, background investigations, and final interviews for 44 Conservation Officers. Academy is set to begin in January 2015. Purchased radios (in-car and hand held), computers, etc. for existing Conservation Officers to increase officer safety and reduce paperwork.</i></p>
Fisheries	Fisheries resource management - Goal 1 / Objective 2 / Strategy 3, 6 - Goal 3 / Objective 1/ Strategy 3 Goal 4 / Objective 1, / Strategy 3 - Goal 4 / Objective 2 / Strategy 1 - Goal 4 / Objective 3 / Strategy 4	\$ 642,100	\$307,138	98.4%	<p>Increase technical assistance for fisheries habitat improvement on cold-water streams</p> <p><i>Project 1 - Hired a new resource analyst for Habitat Management Unit and provided training. Provided field staff assistance for review of applications for the Dam Management Program, Aquatic Habitat Grant Program, and Habitat Improvement Grant Program.</i></p> <p><i>Project 2 - Performed on site work in the following cold water systems: Central Lake Michigan River Systems (Betsie River, Jordon, Manistee and Boardman River, Muskegon and White River); Southern Lake Michigan River Systems (Grand River System, St. Joseph River System, Kalamazoo River System, and Galien River System); Western Lake Superior Watershed (miscellaneous rivers and data collection); Eastern Lake Superior Watershed (Two Hearted System, Fox River System, and miscellaneous rivers); Northern Lake Michigan River Systems- miscellaneous rivers (Brule Rivers, Cools Rund, North Branch, 3 Mile Creek, Green Creek, Schwartz Creek, Thompson/Williams Creek, and Menominee River); Northern Lake Huron River Systems (AuSable System, Maple River System, Sturgeon River System, Pine, Black River, and Pigeon River); Southern Lake Huron (Rifle River, Prior Creek, Wilkins Creek, Fritz Creek, Houghton Creek, and Skunk Creek, etc.); Lake Erie (Paint Creek and Mill Creek). This work was performed by DNR staff. Reviewed proposal for military expansion plans and their impacts on the Manistee and Au Sable tributaries. Participated in gold mining negotiations about trout streams and all natural rivers. Conducted multiple geomorphic and river study workshops for DEQ Water Division staff increasing their ability to identify impacts to fisheries. Conducted 3 culvert design and placement workshops and 4 bankfull training events for road and drain commissioners, forest products industry and utility groups.</i></p>
Fisheries	Fisheries resource management	\$ 642,100	\$373,850	99.1%	Increase creel surveys and assessments on inland lakes & streams

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	Goal 4 / Objective 1 / Strategy 1, 4 - Goal 4 / Objective 2 / Strategy 1, 2				<p><i>Project 1 - Conducted inland creel surveys on the AuSable River, Brevort Lake, Bryan Creek, Gun Lake, Lake Antoine, Platte River, Portage Chain of Lakes, Portage Lakes, E. Branch Tahquamenon River, Upper Tahquamenon River, and 2 Mile Creek.</i></p> <p><i>Project 2 - Hired 8 state workers (temporary employees).</i></p>
Fisheries	Fisheries resource management	\$ 285,400	\$264,025	93.0%	Increase outreach to anglers that fish for perch, bluegill, and bass to improve retention
	Goal 1 / Objective 1, / Strategy 4 - Goal 2 / Objective 1 / Strategy 1, 2, 3 - Goal 2 / Objective 2 / Strategy 1, 2, 3 - Goal 2 / Objective 3 / Strategy 1, 2, 3 - Goal 3 / Objective 1 / Strategy 4 - Goal 3 / Objective 2 / Strategy 1, 3 - Goal 3 / Objective 3 / Strategy 1				<p><i>Project 1 - Provided outreach to anglers including hiring a new Promotional Agent, which resulted in additional publications with stories focused on inland fishing, social media and Reel in Michigan inland focus. Attended Lake, River, Sports and Inland Lakes Advisory meetings, communicated with anglers via phone, emails and letters. Attended Youth Outdoor Day and assisted with B.A.S.S. Angler of the Year Tournament. Provided educational outreach: including Grand American Fish Rodeo, Fish Bites, National Night Out, Youth Camps and other youth outreach events, such as River Days, No Child Left Inside and Earth Day.</i></p> <p><i>Project 2 - Hosted public discussions to improve bass fishing opportunities. Participated in the first ever Michigan Inland Lakes Partnership convention.</i></p>
Fisheries	Fish production - Goal 1 / Objective 2 / Strategy 2	\$ 627,800	\$417,815	97.5%	Increase rearing and stocking of fish by addressing infrastructure needs in our hatcheries
	Goal 2 / Objective 2 / Strategy 2 - Goal 3 / Objective 1 / Strategy 1				<p><i>Project 1 - Hired a new fish production equipment technician to maintain and monitor hatchery alarm systems for fish health.</i></p> <p><i>Project 2 - Hired 6 state workers (temporary employees) to assist in the maintenance of the fish hatcheries.</i></p> <p><i>Project 3 - Purchased liquid oxygen changeover at Harrietta Hatchery.</i></p> <p><i>Project 4 - Replaced spring pumps at Thompson, upgraded heated water for musky and repaired water damage at Wolf Lake, added walleye incubation battery at Platte, and repaired Little Manistee Weir dam.</i></p>
	Goal 4 / Objective 3 / Strategy 1, 2, 3				
	Goal 5 / Objective 2 / Strategy 3, 4, 5				
	Goal 5 / Objective 3 / Strategy 1				
Grants	Fisheries habitat improvement grants	\$ 1,255,600	\$1,000,000	100%	Provide grants to stakeholders to increase fisheries habitat in inland lakes and streams
	Goal 1 / Objective 2 / Strategy 6				<p><i>Project 1 - Huron Pines - Golden Lotus Dam Removal - Pigeon River - Otsego County</i></p> <p><i>Project 2 - City of Niles - Pucker Street Dam Removal - Berrien County</i></p> <p><i>Project 3 - Conservation Resource Alliance - Sanborn Creek Crossings Restoration Project - Lake County</i></p>
	Goal 3 / Objective 1 / Strategy 4, 5				

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	Goal 4 / Objective 3 / Strategy 4 Goal 5 / Objective 3 / Strategy 1				<p><i>Project 4 - Timberland RCD - Hubbardston Dam Removal, Fish Creek - Ionia County</i></p> <p><i>Project 5 - DNR Fisheries - Thompson Hatchery Dam Removal and Restoration of Thompson and Williams Creek - Schoolcraft County</i></p> <p><i>Project 6 - Barry Conservation District - High Bank Creek Habitat Restoration - Barry County</i></p> <p><i>Project 7 - City of Rochester - Paint Creek Habitat Restoration - Oakland County</i></p> <p><i>Project 8 - DNR Forest Resources - Ocqueoc River Grist Mill Abutment Removal - Presque Isle County</i></p>
Wildlife	Wildlife management Objective 2.1 Objective 2.1 Objective 9.3 Objective 2.1	\$ 2,441,700	\$1,588,418	100%	<p>Increase acres of public game areas receiving habitat management or maintenance</p> <p><i>Project 1 - Developed five GEMS (Grouse Enhanced Management System) in the Upper Peninsula: Blue Bill Creek in Marenisco Township in Gogebic County, Ralph in West Branch Township in Dickinson County, South Marquette in Forsyth Township in Marquette County, Strickler in Hudson Branch Township in Mackinac County, and Drummond Island in Drummond Township in Chippewa County. GEMS are intensively managed walk-in accessible ruffed grouse hunting areas.</i></p> <p><i>Project 2 - Developed two GEMS in the Northern Lower Region: Le Grande Ranch in Koehler Township in Cheboygan County and Lame Duck Foot in Bourret Township in Gladwin County. GEMS are intensively managed walk-in accessible ruffed grouse hunting areas.</i></p> <p><i>Project 3 - Performed wetland improvements at Maple River State Game Area, including replacement and construction of pump stations and major repair and replacement of miles of dikes and water control structures. These improvements primarily enhance wetland habitat for diverse, high quality waterfowl hunting.</i></p> <p><i>Project 4 - Collaborated with Ducks Unlimited on the Fennville Farm Unit managed waterfowl area which is designed to be a shallow water, moist soil complex consisting of 65 acres of impounded wetland. There will be a pump structure so the area can be flooded in the fall and drained with an agri-drain system in the spring that will allow crops to be planted. It is currently under construction with a completion date of Spring 2015. There will be three raised corn strips with six hunting zones to provide cover to hunters and food for wildlife. There will also be millet and buckwheat plots in the low areas to provide additional waterfowl food. This project will add a 65 acre shallow water hunting area, which will attract more ducks and geese and provide more variety of hunting opportunities to the Fennville Farm Unit. This project is 40% complete.</i></p>

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	Objective 9.3				<i>Project 5 - Prepared to replace the Shiawassee River State Game Area (SGA) bridge. The Miller Road project is currently in the design and engineering phase of a bridge replacement. This will increase access to the 10,000 acre game area for not only hunters, but also allows access to emergency personnel if needed. It will replace a structure that was removed for safety reasons. This project is 10% complete.</i>
	Objective 9.3				<i>Project 6 - Began the initial design phase for the Shiawassee River State Game Area B2 pump station replacement. This pump station will replace a decades-old pump that services 500 acres of flooded agricultural impoundments and emergent marsh wetlands. This pump station replacement will increase efficiency of flooding and de-watering these units for management purposes.</i>
	Objective 9.3				<i>Project 7 - Completed the Shiawassee River State Game Area Prior Road pump station replacement. This project directly impacted 1,238 acres of wetland habitat that is managed with the water distributed by this pump station. Nearly 300 species of resident and migratory waterfowl, shorebirds, wading birds, songbirds, and raptors use the Shiawassee Flats region.</i>
	Objective 9.3				<i>Project 8 - Improved Shiawassee River State Game Area with modifications to the radial gates water control structure to reduce erosion and siltation and restore and improve water level management on approximately 3,700 acres. In addition, a new water control structure was installed to reduce the velocity of water hitting the radial gates. This produced an additional area of water to flow thus creating a new hunting area between Flooded Woods impoundment and the Shiawassee River.</i>
	Objective 2.1				<i>Project 9 - Completed prescribed burns on over 10,000 acres in 34 counties. Burns were completed to maintain grassland and forest openings and reduce woody vegetation. Burns were completed in the following counties: Allegan (823.4), Antrim (215), Barry (432), Bay (102), Cass (44.5), Cheboygan (87), Clinton (97.2), Grand Traverse (170), Gratiot (140), Huron (832), Ionia (74), Iosco (117), Jackson(83), Kalamazoo (251), Kalkaska (1106), Lake (32), Livingston (151), Luce (28), Mecosta (30), Missaukee (673), Monroe (292.2), Montcalm (378), Montmorency (307.9), Oakland (185), Ogemaw (83.6), Oscoda (248), Otsego (881), Ottawa (80.2), Roscommon (62), Saginaw (700), Schoolcraft (694), St. Clair (773), Tuscola (175), Washtenaw (51).</i>

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	Objective 2.1				<p><i>Project 10 - Hired a Southern Michigan timber management dedicated forester position to provide technical assistance to wildlife staff in setting up timber sales and implementing silvicultural techniques on state game areas in southern Michigan. In addition this position also marks and cruises timber on state game areas that were identified for harvest. 709 acres were harvested.</i></p>
	Objective 2.1				<p><i>Project 11 - Increased the number of non-career staff (temporary employees) to do additional maintenance on game areas. This work ensures habitat and public access infrastructure is maintained for its wildlife management purposes. This includes routine and non-routine maintenance of dams, dikes, buildings, roads, trails, equipment, wildlife structures, parking lots, and other impoundments.</i></p>
	Objective 2.1				<p><i>Project 12 - Worked with Ducks Unlimited to replace the pump station at Crow Island's East Unit. This station services a 900 acre emergent marsh. This new reliable water supply will allow better management of this unit as valuable hemi-marsh habitat for wetland-dependent species and aid in control of nuisance aquatic invasive species.</i></p>
Grants	Wildlife habitat improvement grants	\$ 941,700	\$731,665	100%	Provide grants to stakeholders to increase acres receiving habitat management or maintenance
	Objective 2.1				<p><i>Project 1 - The Sanilac Conservation District (CD) project improved forage resources for wildlife species. It also improved access for hunting and wildlife viewing opportunities. The Sanilac CD project occurred in Sanilac County and improved 77 acres.</i></p>
	Objective 2.1				<p><i>Project 2 - The Muskegon Conservation District wildlife habitat project improved forest structure, planted mast producing trees, and planted over 20,000 seedlings. This project also increases accessibility to improve hunting and wildlife viewing opportunities. The Muskegon CD project occurred in Muskegon County and improved 510 acres.</i></p>
	Objective 2.1				<p><i>Project 3 - The Mid-Forest Lodge project improved forage availability for deer. Plantings were conducted on several sites across lodge property to maximize wildlife benefit. The Mid-Forest Lodge project occurred in Roscommon County and improved 32 acres.</i></p>
	Objective 2.1				<p><i>Project 4 - The Pheasants Forever (PF) Hudson Lake project involved removal of invading shrubs and trees in 4 grassland fields. Sites were then prepared for planting of prairie grass and forb species to benefit upland and lowland bird species. The PF project occurred in Lenawee County and improved 47 acres.</i></p>

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	Objective 2.1				<i>Project 5 - The Kipple Creek Cliffs project increased food resources through planting mastig tree species (Bur oak, wild apples, etc.), forb species, and prairie restoration. This is not only a prime location for game birds and deer, but also for moose and bear. The Kipple Creek project occurred in Marquette County and improved 72 acres.</i>
	Objective 2.1				<i>Project 6 - The Ruffed Grouse Society (RGS) project took place on multiple state game areas to benefit woodcock, ruffed grouse and other wildlife species. These projects focused on feeding, roosting, singing, and breeding grounds for woodcock by mechanically treating areas that no longer experience a normal disturbance regime and thus are filling in with shrubs and trees. RGS projects occurred in Clinton, Gratiot, Ionia, and Montcalm Counties and improved 141 acres.</i>
	Objective 2.1				<i>Project 7 - The Gratiot Conservation District improved grassland habitat by planting warm season grass species and forage species. The improvement of habitat on this property also improves connectivity between larger wildlife habitat areas. The Gratiot CD project occurred in Gratiot County and improved 60 acres.</i>
	Objective 2.1				<i>Project 8 - The Zero Day project enhanced wildlife habitat across the Sharonville State Game Area. This program was dual purposed to provide habitat improvement while training military veterans in wildlife management practices. The Zero Day project occurred in Jackson and Washtenaw Counties and improved 88 acres.</i>
	Objective 2.1				<i>Project 9 - The Superior Watershed Partnership increased forest diversity by planting key tree species including red oak, hemlock, and white pine. Planting these species will help replace the declining American beech complex and provide food sources for wildlife species, such as white-tailed deer. The Superior Watershed project occurred in Alger and Luce Counties and improved 175 acres.</i>
	Objective 2.1				<i>Project 10 - The Hiawatha Sportsman's Club (HSC) created three large red cedar plantings on club-owned land. The plantings will be fenced until the cedar trees mature. Each planting will increase winter browse and cover for white-tailed deer. The HSC project occurred in Mackinaw County and improved 6 acres.</i>
	Objective 2.1				<i>Project 11 - The Pierce Cedar Creek Institute (PCCI) project increased suitable forage through planting of cool season legumes and prairie restoration. This project increased the amount of contiguous prairie and improved the ecological function of firebreaks on Institute property. The Pierce Cedar Creek property is open for public access, which includes hunting opportunities. The PCCI occurred in Barry County and improved 8 acres.</i>

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	Objective 2.1				<p><i>Project 12 - The US Forest Service, Baldwin Ranger District project provided high quality foraging and breeding for early successional wildlife species. The project also increased game species hunting and viewing opportunities. There were multiple sites that included improvements to forest, oak savanna, and prairie habitat types, which fit into the adaptive management plan for the area. The USFS project occurred in Newaygo and Oceana Counties and improved 214 acres.</i></p>
	Objective 2.1				<p><i>Project 13 - U.P. Whitetails Association enhanced vegetative food sources for game species through perennial and annual plantings. The project area is an important area for deer movement and will provide important early summer food sources. The UP Whitetails project occurred in Delta County and improved 33 acres.</i></p>
	Objective 2.1				<p><i>Project 14 - The Nature Conservancy (TNC) project planted native prairie in a severely disturbed field that was dominated by non-native, weed species. Non-native tree species were also thinned to encourage expansion of savanna habitat. This project was part of a larger complex driven management plan. The TNC project occurred in Van Buren County and improved 16 acres.</i></p>
	Objective 2.1				<p><i>Project 15 - There were numerous projects included in the Michigan United Conservation Club (MUCC) grant. Geographically, these projects covered much of Michigan, including areas of the Lower and Upper Peninsula. The work in these projects ranged from creating rabbit habitat to planting spruce and red oak to creating wildlife openings. Another benefit of MUCC's work is to increase public interest in wildlife issues and management through incorporation of volunteers in all of these projects. MUCC's projects occurred in Alger, Alpena, Cass, Cheboygan, Clinton, Delta, Gratiot, Ingham, Iron, Jackson, Kalamazoo, Oscoda, and Roscommon counties.</i></p>
Marketing & Outreach	Marketing and outreach	\$ 1,569,500	\$1,020,976	98.9%	<p>1. Work with MEDC to enhance marketing of recreational opportunities and design mobile Pure Michigan applications</p> <p>2. Enhance the Retail Sales System to create an intuitive license buying experience</p> <p>3. Expand natural resource education programs</p> <p>4. Expand recruitment and retention programs for hunters and anglers</p> <p><i>Project 1 - Paid Pure Michigan for digital hunting and fishing campaigns.</i></p> <p><i>Project 2 - Enhanced the Retail Sales System to accommodate the new license structure, streamline the buying experience and add mobile buying.</i></p> <p><i>Project 3 - Paid administrative costs of the Michigan Wildlife Council</i></p> <p><i>Project 4 - Hired a social media coordinator to work on expanding both education and recruitment & retention programs.</i></p> <p><i>Project 5 - Expanded Pheasants Forever recruitment and retention program.</i></p>

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Finance & Operations	Finance and operations	\$ 941,800	\$100,533	0%	1. Open priority service centers to the public 2. Increase hours that service centers are open to the public <i>Project 1 - Hired a grant coordinator and account tech for fish and wildlife habitat grants.</i>
Forest Resources	Forest management and timber market development Goal 1 / Objective 1	\$ 313,900	\$313,900	100%	Increase acres of state forests receiving wildlife habitat management or maintenance <i>Project 1 - Added 1,576 acres of state timber for sale which involved completing the needed forest inventory, writing prescriptions, conducting compartment reviews, bidding and awarding contracts, and administering the contracts. These actions produce timber sales allowing timber harvest which results in the removal of aging forests and replacing it with younger and healthier forests providing optimal wildlife habitat.</i>
Grants	Wildlife habitat improvement grants in state forests Goal 1 / Objective 1	\$ 313,900	\$313,900	100%	Provide grants to stakeholders to increase acres of state forests receiving wildlife habitat management or maintenance <i>Project 1 - Created an additional 7,432.8 acres of wildlife habitat through the use of private consultant foresters who marked timber for sale on state forest land.</i>
N/A	Payments in lieu of taxes on purchased lands	\$ 400,000	\$380,825	100%	Pay property taxes to local governments for access to public lands
Estimated Totals		\$ 11,765,000	\$7,788,525		