



# Meeting Challenges, Achieving Goals



Department of  
Natural Resources  
FY 2001

## Forests and Prairies

Goal	Strategy	Program, Funding Source & Amount	Accomplishments
<b>Living Resources:</b> Preserve, protect, increase and manage living natural resources.	Provide private lands management assistance utilizing federal agricultural assistance programs.	Private Forest Landowner Assistance  \$223,332 Federal \$223,332 General Fund \$390,837 Local	<ol style="list-style-type: none"> <li>1. Reforestation of 9,047 acres utilizing federal/state cost-share funds along with property owner investments totaling \$4.5 million thereby creating new wildlife habitat, soil erosion control and long-term timber values.</li> <li>2. Forest Improvement of 8,911 acres utilizing federal/state cost-share funds along with property owner investments totaling approximately \$900,000 thereby increasing tree growth and quality, and improving site quality for wildlife habitat and watershed management. Special emphasis has been focused with federal EQIP funds in NE And SE Iowa counties involving over \$250,000 in federal cost-share.</li> <li>3. Riparian forest buffer establishment of 920 acres utilizing federal/state cost-share programs along with property owner investments totaling over \$1/2 million thereby avoiding 92,000 tons of sediment from entering Iowa waterways.</li> </ol>
	Acquire and manage public land, including easements.	State Forestland Management  \$927,241 General Fund \$285,015 from land management \$5,405 Donations	<ol style="list-style-type: none"> <li>1. Management of 41,000 acres on 4 major state forest areas</li> <li>2. Reforestation on 100 acres of state forests with 60,000 new trees.</li> <li>3. Forest regeneration harvests on 200 acres producing \$100,000 of wood products and creating opportunities for natural regeneration of native species of trees and other plants.</li> <li>4. Provided over 110,000 visitors with camping, fishing, equestrian, hiking and hunting opportunities worth approximately \$350,000 in local community benefits. Over 7,000 families made use of campgrounds at Shimek, Stephens and Yellow River State Forests.</li> <li>5. Completion of a new visitor center and displays at the Loess Hills State Forest. Loess Hills State Forest is the largest publicly owned property in the loess hills region (approximately 9,500 acres).</li> <li>6. Provide working opportunities for up to 10 inmates/day from Luster Heights and Ft. Madison at Yellow River and Shimek SF respectfully</li> </ol>
	Strengthen partnerships with private conservation organizations and foster cooperation with other government entities.	Urban Forestry Program \$225,000 Federal \$488,000 General Fund \$418,878 Local \$36,600 Donations  Rural Development Thru Forestry \$200,000 Federal \$100,000 General Fund \$150,000 Local	<ol style="list-style-type: none"> <li>1. Coordinated technical assistance with 93 city Million More by 2004 tree planting grant projects that established 5,400 new landscape trees worth \$613,000</li> <li>2. Provide assistance to over 300 Iowa cities, 300 volunteer organizations and helped 119 cities become recognized as a Tree City USA (5<sup>th</sup> highest in the nation).</li> <li>3. Coordinated residential tree distribution projects in Linn, Polk and Pottawattamie counties that established 2,525 landscape trees for energy conservation with a value of \$202,000.</li> <li>4. Assisted 15 RC&amp;Ds with matching grants of \$200,000+ to reestablish the wine industry, enhancing the Loess Hills ecosystem and improving opportunities for wood using industries in Iowa.</li> </ol>

## Forests and Prairies

Goal	Strategy	Program, Funding Source & Amount	Accomplishments
<b>Living Resources:</b> Preserve, protect, increase and manage living natural resources.	Provide for reestablishment and/or rehabilitation of forests, prairies, wetlands, fish and wildlife.	Private Forestland Management Assistance, State Fire Assistance, Volunteer Fire Assistance Forest Health Management Upper Iowa Watershed  \$416,225 Federal \$416,225 General Fund \$400,000 Local \$55,000 Donations	<ol style="list-style-type: none"> <li>1. Provided forestry assistance to over 3,785 landowners, with on the ground assistance to over 1,480 forest landowners that own 21,000 acres of forest.</li> <li>2. Provided sustainable timber management assistance on 949 acres of private forestland yielding 4,108,000 bd. ft. worth \$3,286,000 to property owners and local wood products firms.</li> <li>3. Provided Trees For Kids educational materials to 9,415 teachers who worked with over 300,000 elementary and secondary school students who planted 75,000 new trees with a retail value of \$2.6 million.</li> <li>4. Coordinated gypsy moth trapping in 38 western Iowa counties and Yellow River State Forest and 400 volunteers statewide to detect numbers and locations of possible populations of this exotic pest into Iowa that could cause great harm to our oak-hickory forests and urban trees. Working with IDALS and USDA, 26 Gypsy moths were caught during the summer of 2001 associated with infested out of state nursery stock and visitors/new residents moving into Iowa from infested areas. Currently the front lines of Gypsy moth infestation around the Madison, WI area within 50 miles of Iowa's NE border.</li> <li>5. Coordinated a federal excess equipment program that provide vehicles and other equipment to the 600+ rural fire department, to date over 600 items worth over \$9 million.</li> <li>6. Coordinated a \$400,000 federal matching grant program to 87 rural fire dept. to purchase wildland fire equipment, clothing and communications</li> <li>7. Provided 171 landowners with prairie assistance placing 2,418 acres of native prairies under management.</li> </ol>
	Provide for reestablishment and/or rehabilitation of forests, prairies, wetlands, fish and wildlife.	State Forest Nursery  \$920,000 Revenue from seedling sales (covers all costs of operation) and provides ~\$337,000 for forestry enhancement fund to support 5 field foresters	<ol style="list-style-type: none"> <li>1. Sold approx. 3.8 million conservation tree and shrub seedlings to Iowa landowners for reforestation, wildlife habitat, and water quality protection.</li> <li>2. Provided work opportunities at the Ames and Montrose Nursery sites for 25-30 inmates/day from Newton Release Center and Ft. Madison Pent.</li> <li>3. Coordinated the planting of approx. 11,000 trees and shrubs and 140 acres of prairies along IDOT highways.</li> </ol>

**Parks Bureau**

Goal	Strategy	Program, Funding Source & Amount	Accomplishments
<b>Outdoor Recreation:</b> Provide sustainable recreational opportunities on public and private lands and waters.	Develop new outdoor recreation facilities.	Destination Park  \$120,000 REAP	1. Studied and selected the final location for Iowa's first destination park, a modern resort-type park with a hotel-type lodge set well back in nature and offering Iowa families enough outdoor recreation opportunity for a full week or two weeks of vacation.  2. Developed the master plan and produced the broad concept design for the Honey Creek State Park site. Achieved phase I & II NRC approvals.
		New State Parks  \$750,000 special infrastructure appropriation \$440,000 REAP \$180,000 Marine Fuel Tax fund	1. Two new parks brought to the latter stages of completion: <ul style="list-style-type: none"> <li>• Elinor Bedell State Park and Shelby Duis playground on Lake Okoboji.</li> <li>• Brushy Creek State Recreation Area near Ft. Dodge.</li> <li>• Brushy camping has tripled since '97 and day use has doubled (1/2 million visitors this past year), the lake is already producing keeper walleye and advancing to it's peak tourism years, and the Ft. Dodge community has already formed a friends of the park group, aimed at development of tourism facets.</li> </ul>
	Promote outdoor recreation opportunities.	Renovation of Existing State Park Facilities  \$3,000,000 RTO \$180,000 REAP and SRF (sewage) fund	1. Renovated, expanded and modernized the restaurant/beach bldg. at Viking State Park (a very nice building and great community support).  2. Continuation of statewide renovations of state park lodges, shelters, beach houses and other park infrastructure under an ongoing 6 year effort to improve infrastructure, especially historic CCC buildings (examples include 2 shower buildings, 17 cabins, 4 campgrounds, 2 lodges, 2 shelters/concessions, and miles of trail completely renovated during FY01). Great reaction by the public, including greatly increased use of these facilities (see visitation and economic figures below).
		Interpretative Program  Funding is mostly from federal sources, and volunteerism.	1. Provided 784 programs to 25,000 park visitors. 2. Operated through AmeriCorps, grants, volunteers and interns, with very little general fund money used. 3. Interpretive and nature programming designed to involve the entire family, with guided hikes (day and night), outdoor skills, water quality, fishing, outdoor cooking, cultural and historic programs and many others.
	Ongoing day-to-day operations of Iowa's 84 state parks and recreation areas,  80 state preserves and other historic and public access properties.  \$6,500,000 General Fund, \$4,500,000 conservation fund (revenues collected on parks) and grants	1. Accommodated 14,489,000 public visitors (up from 13,120,000 in 1997). 2. Accommodated 778,000 campers (up from 624,000 in 1997). 3. More and more, families equate outdoor recreation with quality of life and this is demonstrated in our increasing park use figures. State parks are economically important to nearby communities, the figure normally used is that each park visitor spends \$12 (on average) at local businesses per park visit. Renovations done over the past 5-6 years, and adding new parks and outdoor recreation facilities increase park visitation, simultaneously increasing tourism dollars to our communities in Iowa.	

## Wildlife Bureau

Goal	Strategy	Program, Funding Source & Amount	Accomplishments
<p><b>Living Resources:</b> Preserve, protect, increase and manage living natural resources.</p>	<p>Gather scientific and inventory information.</p>	<p>Wildlife Research and Surveys</p> <p style="text-align: center;">\$727,000</p> <p>Fish &amp; Wildlife Trust Fund</p>	<ol style="list-style-type: none"> <li>1. Completed data collection on a 4-year study of survival, movements and activity patterns of deer in Des Moines to aid in designing more effective urban deer control programs.</li> <li>2. Began evaluating the effectiveness of a deer-proof fence along I-35 in North Central Iowa to determine its effectiveness in actually reducing car-vehicle collisions.</li> <li>3. Designed a study to examine the effects of wind-powered generators on mortality of birds in northern Iowa. Study to be funded partially by the wind power industry and implemented in 2003.</li> <li>4. Continued the examination of the effects of weather and habitat on pheasant populations so that DNR and Federal farm programs can be fully evaluated and improved.</li> <li>5. Conducted a study to evaluate the effectiveness of wetland and upland restoration programs on mallard and nongame songbird populations in northern Iowa so that the effectiveness of land acquisition and habitat management programs can be improved.</li> <li>6. Continued a project to measure changes in bobwhite quail habitat in southern Iowa over a 40-year period as the first step in developing a quail restoration program.</li> <li>7. Conducted surveys to monitor populations and harvests of all major game and furbearer species to improve hunting and trapping opportunities for Iowans.</li> <li>8. Monitored the growth of expanding populations of bald eagles, prairie chickens, sandhill cranes, and bobcats to determine future management opportunities for these species.</li> </ol>
	<p>Provide for reestablishment and/or rehabilitation of forests, prairies, wetlands, fish and wildlife.</p>	<p>Wildlife Diversity and Technical Expertise</p> <p style="text-align: center;">\$429,000</p> <p>Fish &amp; Wildlife Trust Fund</p>	<ol style="list-style-type: none"> <li>1. Conducted restoration programs for trumpeter swans, osprey, peregrine falcons, and river otters to increase the diversity of native wildlife and provide more wildlife appreciation opportunities for Iowans.</li> <li>2. Provided 3,500 hours of expert technical advice to DNR personnel, other wildlife agencies, state and Federal land management agencies and the public to improve wildlife management programs for public and private lands in Iowa.</li> <li>3. Developed recommendations that improved management of public and private lands for all birds, especially declining species of grassland, wetland and forest birds.</li> <li>4. Assisted in developing a nature mapping program and training volunteers to collect data on the state's flora and fauna to be incorporated into a statewide database on Iowa's biological diversity.</li> </ol>

## Wildlife Bureau

Goal	Strategy	Program, Funding Source & Amount	Accomplishments
<b>Living Resources:</b> Preserve, protect, increase and manage living natural resources.	Acquire and manage public land, including easements.	Wildlife Management Areas  \$5.12 M \$380,000 Army Corps Trust Fund \$4.73M Fish & Wildlife Trust Fund	<ol style="list-style-type: none"> <li>1. Fragile environments and habitats for threatened and endangered species are protected and maintained to ensure their long-term productivity.</li> <li>2. Facilities such as parking lots, boat ramps, and viewing platforms are developed to enhance user enjoyment of these areas.</li> <li>3. Management of 450 public fish and wildlife areas totaling over 330,000 acres focuses on vegetation manipulation and habitat creation necessary to support wildlife populations.</li> <li>4. In-State Hunting expenditures provide an annual impact estimated at 250 million dollars to Iowa's economy.</li> <li>5. Wildlife-watching expenditures provide an annual impact estimated at 200 million dollars to Iowa's economy.</li> </ol>
	Acquire and manage public land, including easements.	Land Acquisition  \$4.66 M expended \$3.02 M Federal & Non-Governmental Org's \$250,000 REAP \$160,000 Habitat Stamp. \$1.23M Fish & Wildlife Trust Fund	<ol style="list-style-type: none"> <li>1. Provide essential habitat for wildlife in a highly agricultural setting, provide recreational opportunity to thousands of residents and non-residents unable to find reasonable access to private lands and provide outdoor experiences for those recreationists seeking unique, natural areas, all through acquisition of 4,571 acres of state land and 1,278 acres of federal land.</li> <li>2. An estimated 125,000 wildlife viewers spend 1.2 million days at Wildlife Management Areas enjoying wildlife viewing or related recreation.</li> </ol>
	Provide private lands management assistance & outreach to link landowners with federal agricultural conservation programs.	Private Lands Program  \$540,000 Fish & Wildlife Trust Fund	<ol style="list-style-type: none"> <li>1. Assist landowners to implement conservation practices such as wetland restoration, filter strips, riparian buffers, windbreaks, burn plans and general wildlife improvement. <b>Conservation improvements to 68,400 acres.</b></li> <li>2. Provide landowner outreach and education through workshops, habitat guide, radio shows, newsletters, letters and door-to-door contacts. <b>14, 400</b> landowners reached and assisted.</li> <li>3. 18,000 acres enrolled into federal conservation programs, leveraging 22 million dollars of federal money into Iowa's landowners over 10 years.</li> <li>4. Habitat Guide for <u>Attracting Iowa Wildlife on Private Lands</u> developed and placed on DNR &amp; NRCS web pages.</li> <li>5. 5,200 acres enrolled into WRP (permanent easement)</li> <li>6. Provide additional wildlife related recreational opportunities on Private Lands.</li> <li>7. Contribute to Iowa's goal of ½ million acres of buffers. Current enrollment is .3 million.</li> </ol>

## Wildlife Bureau

Goal	Strategy	Program, Funding Source & Amount	Accomplishments
<b>Living Resources:</b> Preserve, protect, increase and manage living natural resources.	Provide for reestablishment and/or rehabilitation of forests, prairies, wetlands, fish and wildlife	Native Seed Harvest  \$480,000 Fish & Wildlife Trust Fund	<ol style="list-style-type: none"> <li>1. Improve wildlife habitat, ecosystem diversity, aesthetics and public opinion of wildlife management areas through native seed harvest and planting on public and private lands. Conservation improvements to 68,400 acres.</li> <li>2. 89,600 bulk pounds of seed harvested valued at \$1.202 M</li> <li>3. Leveraged 1.76 m of native grass seed purchases from 12 Iowa Native Plant producers.</li> <li>4. Provide all Iowa ecotype plant materials by 2007.</li> <li>5. Utilized harvested seed to leverage \$50,000 in federal funds.</li> <li>6. Provide meaningful and ecologically important work for inmates that contribute significantly to benefits to the DNR, State Lands, and all Iowans.</li> </ol>
	Implement watershed planning and management relative to public waters.	Wetlands Conservation  \$700,000 North American Wetlands Conservation Act grant / \$2M partner match	<ol style="list-style-type: none"> <li>1. Acquire and protect additional wetland/upland habitat in a four county area in Northwest Iowa.</li> </ol>

## Fisheries Bureau

Goal	Strategy	Program, Funding Source & Amount	Accomplishments
<b>Living Resources:</b> Preserve, protect, increase and manage living natural resources.	Gather scientific and inventory information	Fisheries Research  \$1.3 Million 75% Federal Aid 25% Fish & Wildlife Trust Fund	1. Findings from 26 research investigations provided answers to improve water quality and management of fish populations in natural lakes, constructed lakes, flood control reservoirs, Mississippi River, inland streams and fish culture. • Example: identification of optimal stocking density, size and strain of walleye on inland streams resulting in a five-fold increase in walleye numbers and angler use. • Example: documenting a 3 ½ fold increase in park visits and fishing success at Lake Ahquabi following a comprehensive lake restoration program.
	Increase public understanding	Aquatic Education  \$360,000 75% Federal Aid 25% Fish & Wildlife Trust Fund	1. Elementary students and 100,000 middle and high school students received formal education on concepts about aquatic animals, ecosystems, environmental ethics and fishing through the Project WILD Aquatic and Fish Iowa! Programs in Iowa's public schools. 2. Educators, naturalists and youth leaders were trained to deliver the programs.
	Provide for reestablishment and/or rehabilitation of forests, prairies, wetlands, fish and wildlife.	Lake Restoration  \$2.4 M - \$2.0 M Marine Fuel Tax \$300,000 Federal Aid \$100,000 Fish & Wildlife Trust Fund	1. An estimated 80,000 tons of rock rip rap was placed to protect 12 miles of shoreline at Lake McBride and to construct a silt retention structure on the main drainage. 2. Approximately 100,000 cubic yards of material was removed from shallow areas and used to create habitat islands and underwater reefs. 3. Seven new fishing jetties were constructed and seven old jetties repaired.
	Implement watershed planning and management relative to public waters.	Fisheries Management  \$3,800,000 Fish & Wildlife Trust Fund	1. Fisheries biologists partnered with Natural Resources Conservation Service staff in the pre-planning and implementation of watershed / water quality improvement projects on 10 coldwater streams, Upper Maquoketa River and Volga Lake. 2. Fisheries biologists provided support to three multi-disciplinary river alliances aimed at reducing soil and nutrient delivery to the rivers and their aquatic environment.
	Provide for reestablishment and/or rehabilitation of forests, prairies, wetlands, fish and wildlife.	Aquatic Nuisance Species Management  \$224,000 - \$124,000 Federal \$100,000 General Fund	1. All public lakes surveyed for the presence of Eurasian watermilfoil. 2. The aquatic plant was found in and eradicated from five lakes. 3. Watercraft and trailers were inspected on weekends and holidays at boat access areas on Iowa's natural lakes. Information brochures were provided.



## Law Enforcement Bureau

Goals	Strategy	Program, Funding Source & Amount	Accomplishments
<p><b>Stewardship:</b> Iowans are better stewards of natural resources.</p>	<p>Provide opportunities for citizen involvement and volunteerism in natural resources protection and enhancement.</p>	<p>Safety Education Hunter Education, Bow-hunter Education, &amp; Fur Harvester Education</p> <p style="text-align: center;"><b>\$431,000</b> 75% Federal &amp; 25% Fish &amp; Wildlife Trust Fund</p> <p>Boating Education</p> <p style="text-align: center;"><b>\$540,000</b> Fish &amp; Wildlife Trust Fund 50% Federal &amp; 50% Fish &amp; Wildlife Trust Fund</p> <p>Snowmobile/ATV Education</p> <p style="text-align: center;"><b>\$83,000</b> Fish &amp; Wildlife Trust Fund</p>	<p>Provide opportunities to become volunteer instructors and utilize those volunteers to help educate and train young people in various conservation and outdoor-related recreational skills areas.</p> <ol style="list-style-type: none"> <li>1. 12,368 students certified in 499 Hunter education classes.</li> <li>2. 16 new Hunter education instructor workshops.</li> <li>3. 20 spring instructor workshops (total volunteer Hunter Education instructors = 1,890).</li> <li>4. 217 students certified in 14 Bow-hunter education classes. Total instructors = 6.</li> <li>5. 14 students certified in 2 Fur Harvester education classes. Total instructors = 116.</li> <li>6. 349 students certified in 13 Boating education classes. Total instructors = 55.</li> <li>7. 1,011 students certified in 49 Snowmobile education classes. Total instructors = 255.</li> <li>8. 62 students certified in 17 ATV education classes. Total instructors = 32.</li> </ol> <p>Hunting Accidents: Totals: 1965 = 115    2000 = 37    Fatalities: 1965 = 20    2000 = 1</p> <p>Boating Accidents: Totals: 1997 = 93    2001 = 49    Fatalities: 1997 = 5    2001 = 1</p> <p>ATV Accidents: Totals: 1997 = 39    2001 = 71    Fatalities: 1997 = 1    2001 = 3</p> <p>Snowmobile Accidents: Totals: 1997 = 83    2001 = 91    Fatalities: 1997 = 2    2001 = 2</p>
<p><b>Living resources:</b> Preserve, protect, increase and manage living natural resources.</p>	<p>Establish effective regulations and enforce appropriately</p>	<p>Law Enforcement Fish &amp; Wildlife Trust Fund \$7.2 million</p>	<p>Inform and educate the public about our hunting, fishing, trapping, boating, snowmobile and ATV rules and regulations. When appropriate take the proper enforcement action.</p> <p>Conservation Officers:</p> <ul style="list-style-type: none"> <li>• Gave 800 radio programs, and</li> <li>• 300 TV spots;</li> <li>• Wrote 1,400 newspaper/magazine articles, and</li> <li>• Presented 2,800 programs to various groups/organizations.</li> </ul> <p>Conservation Officers made:</p> <ul style="list-style-type: none"> <li>• 150,000 law enforcement contacts resulting in 8,500 citations issued to violators.</li> <li>• 85,000 hours were spent on law enforcement patrol.</li> <li>• 514 persons had 557 licenses privileges suspended in 2001.</li> </ul>

## Water Resources Bureau

Goal	Strategy	Program, Funding Source and Amount	Accomplishments
<b>Environmental Protection:</b> Protect and enhance public health and the environment.	Establish effective regulations and enforce appropriately.	Wastewater \$837,000 General Fund \$174,000 Stormwater Permit Fees \$104,000 Infrastructure \$638,000 Federal	<ol style="list-style-type: none"> <li>1. Reduced backlog of NPDES permits by 30% in one year which allows applicants a more timely review and response regarding required permits allowing applicants to move on in their programs in an environmentally appropriate manner.</li> <li>2. Issued a new general NPDES permit for all sand and gravel operations and quarries as part of a new streamlined permit process.</li> </ol>
		Animal Feeding Operations \$1,365,000 General Fund \$85,000 Manure Certification Fees	<ol style="list-style-type: none"> <li>1. Reviewed 1,224 manure management plans, processed 42 construction permits, and conducted almost 3900 feedlot related field inspections.</li> </ol>
		Water Supply \$646,000 General Fund \$1,078,000 Fees \$1,556,000 Federal	<ol style="list-style-type: none"> <li>1. Continued to insure safety of 2000 public water supplies through the public water supply program. To date, no reported instances of water-borne diseases from a public drinking water supply.</li> <li>2. Through technical assistance, regulatory oversight, and programs such as the operator certification program, over 92% of all public water supplies currently meet all federal and state requirements for the allowable maximum levels of contaminants. Over 80% have met all required monitoring and reporting requirements at all times.</li> <li>3. Continued to implement improvements to the laboratory certification program to insure environmental monitoring data is accurate, insuring public trust in the reliability of the data being reported.</li> <li>4. Continued to administer the water rights program to assure equitable allocation of available water supplies. During drought, water rights program provides assurance that water for human consumption is highest priority.</li> </ol>
		Floodplain \$370,000 General Fund \$194,000 Stormwater Fund \$48,000 Infrastructure	<ol style="list-style-type: none"> <li>1. We have delegated our floodplain permitting powers to over 150 local governments so permits can be obtained locally for most floodplain construction in those cities and counties. Developed a local floodplain manager's training course to facilitate planning and permitting.</li> <li>2. The floodplain permit backlog has been reduced dramatically, with average turn around times decreasing from over six months a year ago to an average of less than two months. This was accomplished by developing a floodplain permit application packet that identified the information required. Materials are available on the Department's web site.</li> <li>3. Re-implemented a dam safety inspection program to inspect all high hazard and large dams in the state.</li> </ol>

## Water Resources Bureau

Goal	Strategy	Program, Funding Source and Amount	Accomplishments
<b>Environmental Protection:</b> Protect and enhance public health and the environment.	Increase voluntary compliance and alternative compliance approaches.	<b>Wastewater</b>  (Funding above)	<ol style="list-style-type: none"> <li>1. Provided \$19,000,000 in loans to 23 municipal wastewater treatment plans from the Clean Water Revolving Loan Fund. This program has provided 190 loans through time to clean up Iowa streams and minimize urban impacts on water quality on a sustained basis.</li> <li>2. Worked with Iowa Finance Authority to restructure the Clean Water and Drinking Water Revolving Loan Fund. This saved \$7,000,000 and made it more attractive for borrowers to make improvements.</li> <li>3. Developing a program to provide low interest loans for onsite private rural septic systems in make encourage the proper use of domestic sewage treatment and the protection of Iowa waters.</li> <li>4. Developing in improved NPDES permit database that will allow electronic submittal of data from wastewater plant operators to reduce data errors and make data available to the public via the World Wide Web.</li> </ol>
		<b>Animal Feeding Operations</b>  (Funding above)	<ol style="list-style-type: none"> <li>1. Under threat of increased federal enforcement, the 'Iowa Plan' was developed and implemented to bring open feedlots into compliance with existing federal and state law by working with various interest groups (e.g., Cattlemen's Assn., EPA). The plan is designed to bring cattle producers voluntarily into compliance with regulatory standards through an innovative program of registration, assessment and on site inspection.</li> <li>2. Developing two computer-based programs to assist the public in filing manure management plans and to provide technical assistance to producers during open feedlot inspections.</li> <li>3. Developed a new database designed to give the public better access to feedlot information.</li> </ol>
		<b>Water Supply</b>  (Funding Above)	<ol style="list-style-type: none"> <li>1. Reduced potential public health risks from inadequate private water supplies through technical assistance and funding for plugging of abandoned wells, rehabilitation of wells, and testing of private well water. Over 10,000 wells are tested each year and since program inception, over 42,000 wells plugged and 1500 wells rehabilitated.</li> <li>2. Promoted public health protection and environmental benefits by providing training and technical assistance to county sanitarians, well contractors, water system managers and operators, creating a pool of qualified environmental health professionals. Training is provided primarily by third parties under contract with the Department.</li> <li>3. Worked closely with EPA and stakeholders in adopting several "rounds" of new drinking water requirements required by the '96 Safe Drinking Water Act. Working closely with these groups resulted in requirements "tailored" to Iowa that minimizes costs and resources while not sacrificing public health.</li> <li>4. Developing a new private well database that will integrate four existing databases into a new one that will unify private well data, allow electronic data entry and transfer, and make it accessible to the public. Training on the new system is being provided to county sanitarians.</li> </ol>

## Water Resources Bureau

Goal	Strategy	Program, Funding Source and Amount	Accomplishments
<p><b>Environmental Protection:</b> Protect and enhance public health and the environment.</p>	<p>Increase voluntary compliance and alternative compliance approaches.</p>	<p>Water Quality                      \$30,000 General Fund                      \$187,000 Infrastructure                      \$3,313,000 Federal</p>	<ol style="list-style-type: none"> <li>1. Worked closely with advisory group to adopt several "rounds" of new and changes to water quality standards. These new standards, in addition to a new permit derivation procedure, will insure protection of aquatic resources while minimizing the cost to industries and municipalities to treat wastewater.</li> <li>2. Years of work on a mitigation banking program, in cooperation with the IBBF, Corps of Engineers, etc. resulted in the first private wetlands banking program becoming operational. This wetland banking program will make it easier for farmers to meet 404 and swampbuster program requirements while preserving wetland benefits. Experience gained will lead to another banking program for the IDOT.</li> <li>3. Developed a cooperative approach with IDOT to evaluate water quality impacts of major road construction projects far in advance of the construction phase, reducing the likelihood of future Eddyville type problems. Results in better cooperation with a major "customer" in better preservation of aquatic resources.</li> <li>4. Made biennial water quality reports (305(b)) reports available to the general public via the DNR's websites. The reports are the primary water quality reporting mechanism and public availability may result in better public information being provided about water quality issues.</li> <li>5. Began to implement the results of a multi-year project to develop biological indices that measure the "biological health" of a stream. The biological monitoring techniques are being integrated into the mainstream monitoring effort. A new project starting this spring will use a probabilistic approach to take a "biological poll" of the aquatic health of Iowa's streams, providing a better picture of Iowa's water quality and trends over time. Results of biological surveys were often provided to landowners, promoting interest in aquatic resources in their own back yard.</li> <li>6. Finalized the development of a stream workshop course that is being held annually to provide hands-on training for water quality professionals interested in stream preservation and restoration.</li> <li>7. Developed 19 TMDLs and associated implementation plan in cooperation with local stakeholders and two technical advisory groups. As a result of the progress being made, the EPA lawsuit (filed by Iowa interests) has been settled and the EPA will not be taking over the TMDL program.</li> <li>8. Worked closely with Division of Soil Conservation, ISU staff, counties and other interest groups to develop and fund watershed projects and nonpoint source pollution research. Over 40 locally-led watershed projects are currently being funded with federal funds, concentrating on priority needs and watersheds.</li> </ol>

## Air Quality Bureau

Goal	Strategy	Program, Funding Source and Amounts	Accomplishments
<p><b>Environmental Protection:</b> Protect and enhance public health and the environment.</p>	<p>Establish effective regulations and enforce appropriately.</p>	<p>Air Permitting and Asbestos</p> <p>\$390,000 General Fund \$2,940,000 Fees \$310,000 EPA</p>	<ol style="list-style-type: none"> <li>1. The U.S. EPA established national ambient air quality standards (NAAQS) for five major air pollutants at levels necessary to protect the public health. Air construction permit applications are reviewed using computer-modeling and other techniques to ensure that emissions from a source will not result in violations of the NAAQS. Iowa's air construction permit program has successfully eliminated all previously existing areas of the state that were not attaining the NAAQS. Currently there are no non-attainment areas in Iowa. The Air Quality Bureau issued 2,074 construction permits for new sources or modified sources of air emission. Used 147 site visits to streamline permitting process.</li> <li>2. Larger sources of air pollution are required under the federal Clean Air Act to undergo a more comprehensive review to ensure that, beyond mere compliance with the NAAQS, the source does not result in significant deterioration ("Prevention of Significant Deterioration") of existing clean air quality. Twelve permits were issued for Prevention of Significant Deterioration for major industrial expansion projects.</li> <li>3. Operating Permits are required of larger sources to assure continuous compliance with the air pollution control requirements that are applicable to a source. All applicable requirements for each large source are incorporated into one umbrella permit. Issued 30 operating permits, each of which brings the full gamut of air quality regulations under one umbrella permit. Modified 81 existing operating permits.</li> <li>4. Stack tests measure the actual emissions from a permitted source to determine whether the source is in compliance with its permitted emissions limits. This ensures that the clean air benefits anticipated by the permits are actually being realized. Provided oversight for 280 smoke stack emission tests conducted by companies</li> <li>5. Inspections provide both the opportunities to provide assistance and guidance to sources in complying with permit and regulatory requirements and the ability to detect potential noncompliance at a source that could lead to air quality problems. Inspected over 400 permitted facilities for compliance with air quality regulations</li> <li>6. Asbestos is a known carcinogen. Construction or demolition of sites containing asbestos must meet specific requirements as specified in the National Emission Standards for Hazardous Air Pollutants (NESHAP) for asbestos in order to prevent to emission of asbestos fibers into the air. Conducted 126 asbestos inspections and reviewed 2,433 renovation/demolition notification forms.</li> </ol>

## Air Quality Bureau

Goal	Strategy	Program, Funding Source and Amounts	Accomplishments
<b>Environmental Protection:</b> Protect and enhance public health and the environment.	Gather scientific and inventory information.	Emission Inventory and Ambient Air Quality Monitoring  \$1,762,000 Fees \$296,000 General Fund \$842,000 EPA	<ol style="list-style-type: none"> <li>1. To determine air pollution emission levels and quantify the effectiveness of current rules, over 400 air pollution emitting facilities across eastern parts of the state have been surveyed for emissions information. The bureau has provided more than two dozen training sessions to assist staff at those businesses in reporting activities that generate air pollution. We reviewed 400 emission reports for accuracy and sent another round of 800 inventories to central Iowa facilities as part of a comprehensive, statewide inventory of all emissions that enter the air. These are for medium sized businesses as the state receives annual emission inventories from the Title V sources. In addition, the DNR is conducting emissions estimations for area sources (gasoline filling stations, chemical use, consumer product usage, residential emissions, mobile sources and transportation sector, etc.,) by using data collection techniques and modeling software.</li> <li>2. Operate a statewide ambient monitoring network of over 30 sites (more than 70 monitors) for measurement of air pollution levels against federal standards for 5 pollutants. The sites are located to determine background, industrial, community, and industrial source specific exposures. Established three monitoring sites for air toxic pollutants predicted to exceed federal risk levels.</li> </ol>
	Increase voluntary compliance and alternative compliance approaches.	Tailpipe Program, Compliance Assistance, Small Business Assistance  \$970,000 Fees \$239,000 General Fund \$181,000 EPA	<ol style="list-style-type: none"> <li>1. Established and marketed voluntary program of identifying cars that contributed unusually large amounts of air pollutants and provided owners with information to gain voluntary compliance.</li> <li>2. Provided compliance assistance through 40 extensive site visits to determine permitting needs for small businesses. Provided 670 additional consultations by phone to small businesses. Assisted over 100 small businesses in collecting information to submit permit applications.</li> <li>3. Developed and distributed regulatory information to small businesses through the Small Business Liaison position.</li> <li>4. Added features to the electronic state permitting and reporting system (SPARS) to provide more tracking elements for facilities.</li> <li>5. Provided dispersion modeling for 120 companies seeking permits to help them develop plans that will meet pollution standards.</li> <li>6. Provided on-site visits to assist 30 facility operators with detailed overviews of operating permits.</li> <li>7. Conducting modeling for Davenport to assist the Bi-State Ozone Committee's efforts to develop voluntary reductions of emissions that contribute to the formation of ground-level smog (ozone). Distributed 187 educational videos on the proper way to inspect and remove asbestos materials.</li> </ol>

## Air Quality Bureau

Goal	Strategy	Program, Funding Source and Amounts	Accomplishments
<b>Environmental Protection:</b> Protect and enhance public health and the environment.	Work with others to foster development of new programs to meet identified needs	Asthma, Open-Burning, Regional Issues, Emissions Tracking  \$1,240,000 Fees \$177,000 General Fund \$133,000 EPA	<ol style="list-style-type: none"> <li>1. Developed a state/regional haze coordination group comprised of state regulators and environmental staff from large industries. The members of the group are working together to assure full participation in the development of regional haze control strategies through the Central States Regional Air Planning group (CenRAP). Established a regional inventory and meteorological modeling capabilities in support of state plan development.</li> <li>2. Implemented an open-burning informational campaign with the use of federal and private grant funds to educate municipal governments and the public on the health and environmental impacts of back yard leaf burning.</li> <li>3. Provided funding for Linn and Polk County local air pollution program efforts to issue operating permits and monitor for hazardous air pollutants.</li> <li>4. Conducted three industry-regulatory task force work groups to design improvements in air operating and construction permit arenas.</li> <li>5. Worked with the Iowa Asthma Coalition to identify outdoor air pollution trends related to childhood asthma.</li> <li>6. Developed electronic emissions inventory submission tool for state-wide inventory.</li> </ol>
	Adopt and implement standards to improve Iowa's water, air and land quality.	Federal Standards and Grant Management, and Professional Development \$108,000 General Fund \$82,000 EPA \$82,000 Fees	<ol style="list-style-type: none"> <li>1. Adopted hazardous air pollution standards for over twenty categories of industry. Manage permitting, compliance assistance, and program development. Negotiate, track, and report on federal grants.</li> <li>2. Provided training to staff in the Bleiker method of "Systematic Development of Informed Consent."</li> <li>3. Provided staff, regulated industry, and environmental group representatives training in "Negotiating Environmental Agreements," a mutual gains approach to achieving successful environmental permitting practices.</li> </ol>
	Provide pollution prevention assistance.	Alternative Fuels Test Burns, Air Alerts, Business Updates \$37,000 General Fund \$60,000 EPA	<ol style="list-style-type: none"> <li>1. Reviewed and approved test burns of alternative fuels during winter energy crisis. Continued review of alternative fuel opportunities.</li> <li>2. Notified the public on 5 days where real-time data showed that the public's health could be negatively impacted because of high levels of air pollution.</li> <li>3. Established a weekly technical listserv service for industries.</li> </ol>
	Provide for rehabilitation of contaminated, polluted or impaired sites.	Remediation of ambient air quality violations \$81,000 General Fund \$61,000 EPA	<ol style="list-style-type: none"> <li>1. Developed permit conditions and state implementation plans to remedy monitored exceedances of ambient air quality standards in Davenport and Mason City.</li> <li>2. Identified over a dozen sites where there are potential violations of air quality standards for sulfur dioxide or particulate (dust).</li> </ol>

## Compliance and Enforcement Bureau

Goals	Strategy	Program, Funding Source <sup>1</sup> and Amounts	Accomplishments
<b>Environmental Protection:</b> Protect and enhance public health and the environment.	Increase voluntary compliance and alternative compliance approaches.	Assistance  \$7,700 General Fund	Technical assistance is provided when operators or managers require assistance or education to properly operate their facility to control releases of contamination, and meet permit and regulatory requirements. Small cities are often the recipient of our assistance because trained staff find better paying jobs in larger cities and the replacement lacks the training required to manage the plant. Technical assistance results in improved plant operation and fewer compliance actions, which are not as cost effective. The list below shows the level activity by program area. <ol style="list-style-type: none"> <li>1. Provided assistance to 2700 wastewater treatment plant operators.</li> <li>2. Provided assistance to 1590 animal feeding operations</li> <li>3. Provided assistance to 1740 public drinking water supply operators.</li> <li>4. Provided assistance to 675 solid waste disposal operators.</li> <li>5. Provided assistance to 550 underground tank operators.</li> <li>6. Provided assistance to 970 air permit holders</li> <li>7. Administer environmental audit program – 26 disclosures</li> </ol>
	Work with others to foster development of new programs to meet identified needs	\$236,500 General Fund	<ol style="list-style-type: none"> <li>1. Routinely meet with County Sanitarians and other local officials at the district level, to foster communications and shared implementation of environmental protection activities.</li> <li>2. Emergency Response Unit provides 24-hour technical assistance and regulatory oversight to first responders and responsible parties (RPs) in incidents involving releases of hazardous substances into the outdoor environment. This function is performed 24 hours a day, 365 days a year. The DNR received 999 spill and manure release reports during calendar year 2001. In addition, the ERU fields numerous technical assistance calls during non-emergency situations at least equal to the total number of spill calls.</li> <li>3. Initiated or implemented 16 Supplemental Environmental Projects in which direct monetary payments can be made in lieu of penalties, e.g., money received from fish kill restitution is made available to the county Soil and Water Conservation District in which the kill occurred for construction of environmental improvements on streams.</li> </ol>
	Provide pollution prevention assistance.		<ol style="list-style-type: none"> <li>1. Inspectors integrate pollution prevention concepts and referrals into routine inspection. Project initiated in SFY00 for metal finishing industry continued through SFY01. To be expanded to food processing industry in SFY02.</li> </ol>

<sup>1</sup>

UST=a combination of federal grant and state tank management fees	\$718,000 total
Stormwater=permit fees	\$152,000 total
AQ=a combination of primarily permit fees, federal grant, and some state match	\$828,000 total
WW=federal grant and some state match	\$1,460,500 total
WS=a combination of federal grant, permit fees, and some state match	\$1,121,500 total
LQ=solid waste tonnage fees	\$556,000 total
GF= general fund: 523,000 feedlots; 236,500 ER; and 527,000 for I FTE and things like rent, vehicles, etc.	



## Compliance and Enforcement Bureau

Goals	Strategy	Program, Funding Source <sup>1</sup> and Amounts	Accomplishments
<b>Environmental Protection:</b> Protect and enhance public health and the environment.	Establish effective regulations and enforce appropriately.	Enforcement \$49,800 UST \$10,600 Storm \$57,150 AQ \$101,200 WW \$77,500 WS \$38,400 LQ \$72,600 GF \$407,250 Total	<ol style="list-style-type: none"> <li>1. Issued 214 Administrative orders to prevent or control release of contamination to the environment or to address serious compliance issues.</li> <li>2. Assessed \$650,000 in penalties, collected \$300,000 in penalties which amount to a recovery of damages to state natural resources or endangerment of public health.</li> <li>3. Resolved 117 appeals, which allow the department to reach agreed upon settlements, which cost the state less than further legal action and still ensure future compliance. (Reduced the number of pending appeals by 24, (from 168 to 144.))</li> </ol>
		<u>Inspections<sup>2</sup></u> \$1,205,600 WW \$523,000 GF  \$100,000 WW \$140,500 Storm \$993,600 WS \$507,600 LQ  \$658,800 UST 756,000 AQ  --- <sup>3</sup> <u>\$455,000 GF</u> ~\$5,400,000 Total	<p>Routine inspections are designed to keep track of facility compliance and identify problems that may require technical assistance, operating improvements or facility upgrades to continue to protect the water, air and land of the state from contamination. Visits are less formal occasions that may be intended to see if actions were taken as agreed to or to follow up on operator assistance needs. Complaints often identify cases where contamination is occurring. Quite often our efforts bring closure to neighborhood disputes while protecting the environment. The breakdown of activities by program is as follows:</p> <ol style="list-style-type: none"> <li>1. Conducted 570 routine wastewater inspections, 490 visits, and responded to 300 complaints.</li> <li>2. Conducted 870 routine inspections of earthen manure structures, 250 visits, investigated 505 complaints.</li> <li>3. Conducted 35 routine inspections of animal feed lots, 54 visits, investigated 45 complaints.</li> <li>4. Conducted 110 routine inspections of storm water facilities, 120 visits, investigated 150 complaints.</li> <li>5. Conducted 400 mandatory inspections of public drinking water supplies, 60 routine inspections, 400 visits, investigated 100 complaints.</li> <li>6. Conducted 144 mandatory inspections of solid waste facilities, conducted 6 inspections, 200 visits, investigated 530 complaints.</li> <li>7. Conducted 125 LUST inspections and 880 routine UST inspections, investigated 50 complaints</li> <li>8. Conducted 800 inspections of air facilities, investigated 500 complaints, investigated 280 open burning complaints.</li> <li>9. Responded to 286 spill events, conducted 335 investigations of spills [State match]</li> </ol>

<sup>2</sup> Expenditures include "Assistance" outputs below, except as noted for environmental audits.

<sup>3</sup> Field office responses to spills are coded to water, air, or land pollution control programs, as appropriate.

## Waste Management Assistance Bureau

Goals	Strategy	Program, Funding Source & Amounts	Accomplishments
<p><b>Environmental Protection:</b> Protect and enhance public health and the environment.</p>	<p>Increase voluntary compliance and alternative compliance approaches.</p>	<p>Environmental Management Systems</p> <p>\$150,500 Groundwater Protection Fund</p> <p>\$64,500 EPA Grants</p>	<ol style="list-style-type: none"> <li>1. Developed Environmental Management Systems guide and supported Environmental Management System team to participate in multi-state working group.</li> <li>2. Regulatory Integration Program held workshop on Environmental Management systems in Enforcement for Inspectors in Region VII.</li> <li>3. Regulatory Integration program held 2 workshops for technical assistance personnel from ISU and UNI, local engineering consultants, and insurance industry to help Iowa businesses implement EMS.</li> <li>4. Regulatory Integration Program held 5 workshops for business and industry on implementing EMS to help prevent/reduce pollution.</li> </ol>
<p><b>Living Resources:</b> Preserve, protect, increase and manage living natural resources.</p> <p><b>Outdoor Recreation:</b> Provide sustainable recreational opportunities on public and private lands and waters.</p>	<p>Work with others to foster development of new programs to meet identified needs.</p>	<p>Solid Waste Alternatives, Comprehensive Planning, Waste Tire Program, and Recycling Technical Assistance</p> <p>\$4,677,835 Groundwater Protection Fund</p> <p>\$416,491 Tire Fund</p>	<ol style="list-style-type: none"> <li>1. Solid Waste Alternatives Program issued \$4.9 million in forgivable, zero interest and 3% loans to 43 applicants for recycling, education, pollution prevention and market development.</li> <li>2. Comprehensive Planning team authored a guidance document to assist local planning areas with comprehensive planning and establishing waste diversion programs.</li> <li>3. Regents Tire Derived Fuel Program reimbursed Univ. of Iowa \$23,900 for consumption of 92,000 waste tires as fuel. Awarded \$131,000 through the Tire End User Program to 2 end-users, resulting in 2,280,000 waste tires being consumed in state.</li> <li>4. Recycling Technical Assistance team coordinated the creation and staffing of an environmental purchasing position in the Dept. of General Services.</li> </ol>
<p><b>Environmental Protection:</b> Protect and enhance public health and the environment.</p>	<p>Adopt and implement standards to improve Iowa's water, air, and land quality.</p>	<p>Solid Waste Comprehensive Planning and Permitting</p> <p>\$859,818 Groundwater Protection Fund</p>	<ol style="list-style-type: none"> <li>1. Comprehensive Planning team revised Code on comprehensive planning requirements and won compliance of 297 cities with implementation of unit-based pricing to help encourage source reduction.</li> <li>2. Solid Waste Permitting section processed 39 permit renewal applications and 350 permit amendments for landfills, transfer stations, household hazardous material facilities, compact facilities.</li> </ol>

## Waste Management Assistance Bureau

Goals	Strategy	Program, Funding Source & Amounts	Accomplishments
<p><b>Environmental Protection:</b> Protect and enhance public health and the environment.</p>	<p>Provide Pollution Protection Assistance.</p>	<p>Household Hazardous Waste, Waste Reduction &amp; Assistance, Recycling Technical Assistance, and the Pollution Prevention Intern Program</p> <p>\$1,817,304 Groundwater Protection Fund \$76,930 EPA Grants</p>	<ol style="list-style-type: none"> <li>1. Household Hazardous Waste Program's 14 Regional Collection Centers and 20 satellite facilities collected 582,482 pounds of household hazardous waste.</li> <li>2. Waste Reduction Assistance Program performed 4 site assessments and 8 follow-up assessments of resource-intensive industries and identified process changes to reduce 16,300 tons of solid waste, 700,000 gallons of hazardous waste, and 24,200 K gallons of waste-water. Identified conservation measures for 1,930,000 gallons of water and 9449200 kWh of electricity, and 3,167,900 Therms of energy. Assessments saved generated \$10,963,000 in potential financial savings to companies.</li> <li>3. Recycling Technical Assistance Program represented Iowa in national product stewardship initiatives for waste electronics.</li> <li>4. The Pollution Prevention Intern Program (\$125,000) matched 15-20 Iowa college and graduate students with 14 Iowa companies for summer internships. The result was the conservation of 115,400,000 gallons of water, 175 tons of special waste, 314 tons of solid waste, 4,925 gallons of hazardous waste, 162,000 KWh of electricity and \$1,500,000 in annual savings for Iowa companies.</li> </ol>
<p><b>Environmental Protection:</b> Protect and enhance public health and the environment.</p>	<p>Provide for rehabilitation of contaminated, polluted or impaired sites.</p>	<p>Waste Tire Program</p> <p>\$3,009,474 Tire Fund</p>	<ol style="list-style-type: none"> <li>1. Tire Stockpile Abatement Program awarded \$1,980,000 to clean up 1,800,000 waste tires from 7 nuisance stockpiles that were breeding grounds for mosquitoes capable of carrying the West Nile Virus.</li> <li>2. Tire County Grant Program awarded \$980,000 to 70 counties resulting in the collection of 500,000 waste tires that may otherwise have been improperly disposed of.</li> </ol>

## Energy Bureau

Goal	Strategy	Program, Funding Source & Amount	Accomplishments
<b>Energy Preparedness</b> Safer, more reliable and affordable energy that maximizes efficiency and renewable resources.	Develop energy efficiency to help meet demand	\$385,350 U.S. DOE – State Energy Programs \$227,400 U.S. DOE competitive grant \$135,737 Oil Overcharge Fund \$252,500 SIFIC \$ 85,800 General Fund match*	<ol style="list-style-type: none"> <li>1. Building Energy Management Program saved taxpayers \$700,000 by implementing \$5.7 million in energy efficiency improvements in FY 01. Improvements implemented through the BEM program since 1989 saved taxpayers \$19 million in FY01.</li> <li>2. Rebuild Iowa Program saved communities \$125,000 by implementing \$943,000 in energy efficiency improvements in FY 01. Improvements implemented through the Rebuild Iowa program since 1997 saved taxpayers \$813,000 in FY01.</li> </ol>
	Increase energy production from renewable resources.	\$31,100 U.S. DOE – State Energy Programs \$244,000 U.S. DOE competitive grants \$22,530 USDA \$68,800 Oil Overcharge Fund \$ 40,900 General Fund match*	<ol style="list-style-type: none"> <li>1. Financed the installation of one 750kW wind turbine through the Iowa Energy Bank Program.</li> <li>2. Increased the awareness of renewable energy resources by exposing more than 500,000 Iowans to renewable energy information through exhibition at the State Fair; presenting at the Iowa Renewable Energy Association's Annual Expo; discussing renewable energy topics in high school classrooms and via ICN; and responding to more than 50 direct individual requests for information.</li> <li>3. Demonstrated the renewable energy resources through a field survey of more than 1000 respondents on PV applications and conducting 6 case studies of renewable installations.</li> <li>4. Published the Annual Renewable Energy Newsletter, updated website with renewable energy information, distributed renewable energy information packets.</li> </ol>
	Maintain energy emergency preparedness.	\$93,460 U.S. DOE – State Energy Programs \$12,000 U.S. DOE State Heating Oil & Propane Program \$23,000 Oil Overcharge Fund \$ 62,700 General Fund match*	<ol style="list-style-type: none"> <li>1. Updated state's Energy Emergency Plan and started working on the Comprehensive Energy Plan.</li> <li>2. Regularly monitored energy prices and inventories to inform state officials, media and public of status and avoid potential emergencies. Issued 12 press releases on transportation fuel and heating fuel market situations; conducted more than 700 media interviews on energy market situations; sent 24 bi-weekly updates to Governor's office, and provided energy market information to more than 50 individual inquiries.</li> <li>3. During the winter of 2000/2001 when natural gas prices were extremely high, worked with stakeholders and industry representatives to closely track the market supply and demand and increased number of updates to Governor's office and media. More than 200 calls were returned and answered in one month during the peak period.</li> <li>4. During the spring of 2001 when gasoline price started to increase, more than 100 calls were answered and returned during peak period.</li> <li>5. Held 2000 Iowa Winter Fuels Forum to provide a forecast for energy prices and supplies for the coming winter season. More than 30 people, including media and energy industry representatives, participated.</li> </ol>

## Geological Survey Bureau

Goals	Strategy	Program, Funding Source and Amounts	Accomplishments
<b>Environmental Protection:</b> Protect and enhance public health and the environment.	Gather scientific and inventory information	Water Monitoring \$1,000,000 Environment First Funds	1. Increased monthly monitoring sites to 81; implemented high discharge monitoring on selected sites to improve the record across the state and provide better estimates of contaminants, especially nutrients.
		IOWATER Volunteer Monitoring \$200,000 Environment First \$50,000 Federal 319	1. Assisting 22 local watershed groups across the state to understand their water quality problems. 2. More than 1000 citizens trained on water quality issues and how to conduct water monitoring. 3. More than 3400 water quality records developed for almost 900 stream sites across Iowa; all records are in a database that is available on the World Wide Web.
		Water Monitoring Data Coordination \$305,000 Environment First \$305,000 Federal	1. 56,000 water quality records in Iowa STORET database which is available on the World Wide Web. 2. Working with other agencies to gather disparate data sets into Iowa STORET database to that all data is more accessible and may be used. 3. Coordinating with other agencies to minimize duplication and maximize monitoring resources among all agencies.
		Lake Water Monitoring Survey \$367,000 Environment First	1. 132 lakes monitored for water quality including nutrients and pesticides. 2. Second year of 5 year survey directed at providing baseline of lake water quality that is necessary to establish real conditions and establish realistic standards and protection goals.
		Beach Monitoring \$40,000 Environment First	1. Identified some problem beaches and conditions. 2. Confirmed that bacteria levels at state beaches meet water quality guidelines 96.9% of time.
		USGS Cooperative Program; State General Fund: \$160,000; Federal \$160,000	1. Stream gaging records from 17 gages that can be used to manage floodplains, use in conjunction with water quality data to evaluate total contaminant loads, and protect people and property. 2. Obtained water quality data from 90 municipal wells and water table data to evaluate trends in groundwater conditions.
		Geological and Mineral Resources \$339,000 General Fund \$69,000 Federal	1. Completed geologic map update on 17 North-central Iowa counties in an effort to make state geologic map up-to-date and provide users the best available information. 2. Increased basic data available at the Geological Survey that can be used for environmental assessments and mapping. Materials provided by well drillers: 991 new driller logs, 316 sets of rock chips from wells, 4 new rock cores. 3. 5000 records were added to GEOSAM Geologic Data Base. GEOSAM is available to the public on the World Wide Web. GEOSAM was accessed 12,000 times in FY1991. 4. Determined the geological relationships between the Mississippian-aged rock deposits in North-central Iowa and those same deposits in Southeast Iowa which will help assess groundwater resources and mineral resource potentials for cement and aggregate.

## Geological Survey Bureau

Goals	Strategy	Program, Funding Source and Amounts	Accomplishments
<b>Environmental Protection:</b> Protect and enhance public health and the environment.	Gather scientific and inventory information	Hydrogeological and Environmental Studies  \$184,000 General Fund \$255,000 Federal (State Revolving Fund) \$150,000 Federal 319	<ol style="list-style-type: none"> <li>1. Conducted source water assessments for 550 public water systems in northeast Iowa and provided reports to water system managers so that they are better informed about risks to their water supplies.</li> <li>2. Produced Iowa Geology to report on activities of Geological Survey Bureau and raise awareness of the relevance of earth sciences to Iowa citizens.</li> <li>3. Provided environmental assessments on 400 open feedlots and conducted reviews of 25 earthen storage structures.</li> <li>4. Generated draft of groundwater 'primer' to demystify for Iowans the subject of groundwater and explain its use and importance.</li> <li>5. Assisted consultants with 1000 inventories of wells associated with leaking underground storage tanks.</li> <li>6. Conducted detailed basin studies that included both surface and groundwater monitoring at three sites in order to assist with establishing reasonable nutrient standards and approaches to restoring impaired watersheds.</li> <li>7. Provided 150 groundwater forecasts to assist private citizens, irrigators, cities, agribusiness and industry find suitable water supplies so that they may flourish in Iowa.</li> </ol>
		Geographic Information \$185,000 General Fund \$195,000 Environment First \$175,000 Solid Waste Account \$60,000 Federal	<ol style="list-style-type: none"> <li>1. Completed surficial geologic mapping of two counties in north central Iowa.</li> <li>2. Developed consistent watershed boundaries down to 10,000 acres minimum size; completed preliminary Iowa land cover mapping 2000; digitized public drainage districts for 15 north-central Iowa counties so that necessary data is available for environmental assessments and management decisions.</li> <li>3. Developed soil erosion and sediment delivery models to assist watershed groups and impaired waters planning.</li> <li>4. GIS data library has over 10,000 geographically referenced databases. All are available on the World Wide Web and there are 3000 site visits and the downloading of 45 megabytes of data weekly.</li> </ol>

## Land Quality Bureau

Goal	Strategy	Program, Funding Source & Amount	Accomplishments
<b>Environmental Protection:</b> Protect and enhance human health and the environment.	Increase voluntary compliance and alternative approaches. Foster development of new programs to meet identified needs. Adopt and implement standards to improve Iowa's water, air and land quality. Provide pollution prevention assistance.	Underground Storage Tank Program  \$199,925 EPA UST Grant \$32,672 Tank Management Fees \$75,000 UST Fund Transfer	<ol style="list-style-type: none"> <li>1. Underground storage tank program conducted 8 compliance seminars across Iowa for owners and operators of underground storage tanks to learn how to maintain compliance with leak detection.</li> <li>2. Developed cathodic protection report form to standardize reports to determine type of work performed during inspection. Form forwarded to Petroleum Marketers of Iowa for review.</li> <li>3. Adopted cathodic protection inspection report form, which was distributed to known inspectors, resulting in the reporting of more problems with cathodic protection systems.</li> <li>4. Developed operational and maintenance plan for tank owners and operators to follow.</li> <li>5. Developed weekly and monthly checklists to help operators organize checking equipment for leaks.</li> </ol>
	Provide for rehabilitation of contaminated sites.	Leaking Underground Storage Tank Program  \$643,050 EPA LUST Grant \$71,450 Tank Management Fees	<ol style="list-style-type: none"> <li>1. Completed remediation at 2,289 out of 5,475 confirmed contamination sites, with 375 sites completed this FY.</li> <li>2. Conducted 2 training seminars for certified groundwater professionals.</li> </ol>
	Provide services in a manner that enhances customer satisfaction.	Land Recycling Program  \$27,000 Land Recycling Fund \$33,000 Recovered from Participants	<ol style="list-style-type: none"> <li>1. About 20 sites were enrolled in Land Recycling Program.</li> <li>2. No-Further-Action Certificate issued to the first site through the program.</li> </ol>
	Adopt and implement standards to improve Iowa's water, air and land quality	EPA's CERCLA or Superfund Program  \$420,000 Federal Superfund Funds \$56,000 Hazardous Waste Remedial Fund	<ol style="list-style-type: none"> <li>1. Screened about 60 sites to determine compliance with standards.</li> <li>2. Assisted EPA in the administration and clean up of 14 additional sites.</li> </ol>

## Land Quality Bureau

Goal	Strategy	Program, Funding Source & Amount	Accomplishments
<p><b>Environmental Protection:</b> Protect and enhance human health and the environment.</p>	<p>Provide pollution prevention assistance</p> <p>Provide for rehabilitation of contaminated, polluted or impaired sites</p>	<p>State contaminated site program</p> <p>\$375,000 State Hazardous Waste Remedial Fund</p> <p>\$85,000 Recovered from Parties</p>	<ol style="list-style-type: none"> <li>1. About 10 companies or utilities were operating under arrangements with DNR that included reimbursement of our oversight costs.</li> <li>2. Approximately 100 other sites requiring low-level continuing oversight are currently being handled at the State's expense.</li> </ol>



## Keepers of the Land Volunteer Program

Goal	Strategy	Funding Source & Amount	Accomplishments
<p><b>Encourage all Iowans to serve as stewards of our natural and cultural resources.</b></p>	<p>Expand the Keepers of the Land Volunteer Program</p>	<p style="text-align: center;"><b>\$70,000</b>                      Environment First Fund                      \$20,000 US Forestry grant for Urban Forestry volunteer coordination.</p>	<ol style="list-style-type: none"> <li>1. Increased number of volunteers to 28,315 (9%); increased number of volunteer hours to 109,170 (8.5%).</li> <li>2. Worked with Friends of State Parks groups; helped support new friends groups (three new groups started for total of 20.)</li> <li>3. Developed Staff Volunteer Management Manual and training modules to increase volunteer opportunities across state.</li> <li>4. AmeriCorps program members across the state design projects and recruit and train local volunteers.</li> <li>5. Urban Forestry volunteer coordination brought in-house.</li> <li>6. 1<sup>st</sup> Annual Volunteers in Natural Resources Conference, cohosted by IOWATER and Keepers of the Land; volunteers and conservation leaders from across the state participated in work sessions. (Next conference planned for Oct. 25-26, 2002.)</li> </ol>
	<p>Expand AmeriCorps member numbers to strengthen Keepers of the Land</p>	<p style="text-align: center;">\$517,000 Federal AmeriCorps grant                      \$80,000 DOT Trails grant                      \$11,000 REAP grant                      In-kind contribution from NRCS for hosting and equipping 10 AmeriCorps members.</p>	<ol style="list-style-type: none"> <li>1. Keepers AmeriCorps Program grew from 5 full-time, 1 part-time and 18 summer members in 2000 to 22 full-time, 2 part-time and 20 summer members.</li> <li>2. Members gave presentations and/or worked with over 36,000 people in state parks, conferences, Springbrook Environmental Education Center, events such as Bald Eagle Days and Iowa Prairie Rescue, and through the Private Lands program.</li> <li>3. AmeriCorps members helped design and implement volunteer projects and recruited over 1,500 Keepers of the Land volunteers.</li> </ol>
	<p>Promote quality volunteer opportunities through internet, brochures, articles, press releases, etc.</p>		<ol style="list-style-type: none"> <li>1. Each DNR division has a volunteer opportunity catalog; needs assessment in progress for new and improved catalog.</li> <li>2. Brochures with mail-in cards for information/registration are displayed statewide.</li> <li>3. Major articles have appeared in the <i>Iowa Conservationist</i>, state and local media; coverage on TV and radio.</li> <li>4. Keepers of the Land has its own web site.</li> <li>5. New aggressive marketing plan developed.</li> <li>6. Developing a Speakers Bureau to augment presentations to community groups around the state.</li> </ol>

## Information-Education Bureau

Goals	Strategy	Programs and Funding Sources	Accomplishments
<p><b>Stewardship:</b> Iowans are better stewards of natural resources.</p>	<p>Foster Citizen Involvement</p>	<p>Awards Program  \$230,000 General Fund  \$200,000 Subscription Fees</p>	<ol style="list-style-type: none"> <li>1. Awarded 30 Iowans and businesses Environmental Excellence Awards for positive impacts on natural resources in their communities.</li> <li>2. 8 cooperating TV news departments used 52 weeks of video news releases on conservation and recreation issues.</li> <li>3. DNR's website led all State department websites in the number of users.</li> <li>4. <i>Iowa Conservationist</i> magazine provides Iowans with latest and most understandable information on natural resource issues.</li> </ol>
<p><b>Living Resources:</b> Preserve, protect, increase and manage living natural resources.</p> <p><b>Outdoor Recreation:</b> Provide sustainable recreational opportunities on public and private lands and waters.</p>	<p>Increase Public Understanding of the Value of Healthy Resources</p>	<p>Education Programs  \$155,000 General Fund  \$100,000 Participant Fees  \$10,000 REAP Grant</p>	<ol style="list-style-type: none"> <li>1. 16,000 students and teachers participated in conservation education classes at the Springbrook Conservation Education Center.</li> <li>2. Provided 5 ICN Sessions on conservation education to 60 high school agriculture education teachers and 300 high school students and agriculture teachers participated in the competitive environmental education Envirothon.</li> <li>3. Provided outdoor skills programs to 500 participants, especially women, young girls and boys, in association with several non-governmental organization partners.</li> </ol>
<p><b>Environmental Protection:</b> Protect and enhance public health and the environment.</p>	<p>Provide pollution prevention assistance</p>	<p>Media Outreach and Certificates  \$20,000 General Fund  \$50,000 EPA Funds  \$50,000 Energy Funds  \$70,000 Waste Management Funds</p>	<ol style="list-style-type: none"> <li>1. Prepared manure management certification training and related materials to 1,800 commercial and confinement livestock producers.</li> <li>2. Targeted public communications effort helped to register 1,563 open feedlots.</li> <li>3. Carried out public communications programs on environmental issues through news releases, interviews, publications, reports, exhibits, presentations, and other outlets reaching hundreds of thousands of Iowans weekly.</li> </ol>

## Engineering & Realty Services Bureau

GOALS	STRATEGY	FUNDING	ACCOMPLISHMENTS
Living Resources	Acquire Property Rights (3,000 acres per year)	STATE FUNDS: REAP, F&W, Habitat Stamp, MFT	[3,000 acres per year / \$2,500,000] Loess Hills Pioneer St. Forest – Brushy Creek – Waterloo Creek – Lake Sugema – Deer Creek Lake – Lost Grove Lake – Sand Creek
	Joint Ventures: Local & Federal Governments (3,000 acres per year)	FEDERAL FUNDS: NAWCA, DJ, TT, PR, CARA, LAWCON, PPJV, NRCS, WRP, EWP	[3,000 acres per year / \$1,100,000] Okoboji Protection Area -- Waterloo Creek Lost Grove Lake – Kellerton BCA – Upper Wapsi WMA
	USFWS Partnership (1,700 acres per year)	FEDERAL Title / DNR Managed: PPJV	[1,700 acres per year / \$2,750,000] IA River Corridor – Hanlontown Slough -- Okoboji Protection Area
	Joint Ventures: Private Conservation Groups	DU, PF, NWTF, REAP Public/Private	Okoboji Protection Association – O'Brien County Sportsman Club – Pheasants Forever Statewide – Ducks Unlimited Statewide
	Land Donation Program Administration	Gift	[500 acres per year / \$500,000] donated property value Elinor Bedell State Park
	Wetland Mitigation Administration	Farm Bureau	Lower Morse Lake/ Wright County Drainage District – Coulter Marsh/Franklin County
	Reestablishment / Rehabilitation of Fish & Wildlife, Prairies, Forests, etc.	REAP/Private Public, Donations	Waterman Creek Prairie – Reichelt Forest Donation
	Construction Services / Engineering	REAP \$867,023 F&W Trust \$706,683 MFT \$661,485 DJ \$1,041,040 LAWCON \$189,748 P&I \$784,385 RTO \$1,969,456 SRF \$244,597 DOT Grants \$108,147 NRCS Grants \$234,966 FEMA \$20,550 Exec. Council \$72,807 EPA 319 Fund \$58,150 Lake & Stream \$2,997,995	Infrastructure Repairs/Modifications/Additions, Boat Ramps and Boat Ramp Rehabilitation, Stream & Lake Fish Habitat, Parking Area Construction/Rehabilitation, Modern Restrooms & Shower Buildings, Wetland Construction/Rehabilitation, Lake Dredging projects, Stream & Lake Shoreline Erosion Control, CCC Era Building Rehabilitation's, Park and Campground Electrical, Water & Sewer Systems Repairs/Modifications/Additions i.e.: Storm Lake Dredging – Brushy Creek State Park – Gull Point Lodge – Pisgah Visitors Center – Loess Hills Scenic Overlook – Lake Sugema – Harper's Ferry Boat Ramp – Rathbun Hatchery – Fogle Lake – 3 & 12 Mile Lakes – Volga Lake Campground, 30+ Roadway Reconstruction Projects 9.96 Million
	Manage & Lease Public Land	F&W	Appx. 500 Leases totaling 1.5 million per year revenue
	Public Owned Lakes Program	IDALS	Obligates \$400,000/yr cost-share with private landowners
Sand & Gravel Permits	Income generator	Appx. \$150,000 per year revenue	

## Engineering & Realty Services Bureau

GOALS	STRATEGY	FUNDING	ACCOMPLISHMENTS
<b>Living Resources</b>	Barge Fleeting Permits	Income generator	Appx. \$76,000 per year revenue
	Property Tax Payment	REAP, HS	Appx. \$500,000/yr to Iowa counties
	Establish Administrative Rules	various	IA Code Chapters 13, 16-19, 21, 31 & Dock Management
	28E & Land Use Agreements	various	Coordinate with CCBs, Drainage Districts, River Boat Casinos, Private Individuals
	Lake Enhancement	EPA-319, WRP	[600 acres per year / \$300,000] Permanent Easements for control of sediment
	Shoreline Protection	MFT	Lake McBride – Storm Lake – Little Wall Lake – Lake Ahquabi – Viking Lake \$367,949
	Flood Damage Repair	FEMA	Green Island – Lake Odessa – Riverton WMA – Blackhawk Lake– Big Marsh \$20,550
	CCC Historical Restoration Projects	RTO	CCC Restoration Projects totaling \$395,230
	Wastewater Treatment Facilities	SRF	Restoration of Waste Water Facilities in State Parks ie. Viking Lake – Prairie Rose, Lake Ahquabi, Lake Wapello \$244,597
	Rehabilitation of Contaminated Sites	Marine Fuel Tax	Lake McBride – Lake Manawa \$104,842
<b>Environmental Protection</b>	Erosion Control	REAP, SRF	Springbrook Green Treatment Sewage Lagoon
	Sewage Treatment		
<b>Outdoor Recreation</b>	Development of New Facilities	REAP, MFT, FW, EPA 319	Lost Grove – Timber Creek – Elinor Bedell – Brushy Creek – Honey Creek (destination park) – Viking Lake Campground
<b>Energy Preparedness</b>	Energy Audits	REAP	Office Leasing & Newly Developed Facilities
	Energy Audits	REAP	Environmentally Friendly Building Design / Green Building
<b>Stewardship</b>	Legislative Support	various	Writing Administrative Code Rules
	Administer the Uniform Act 91-646	75% Federal	Mandated by Federal Act

## Information Technology Bureau

Sub-Goals	Strategy	Funding Source & Amount	Accomplishments
<b>Culture:</b> Provide services in a manner that enhances customer satisfaction.	E-time Reporting	General Funds Less than 1% staff persons time	1. Planning meetings held with ITD and IDOP, requirements defined, coding and testing begun, pilot group determined. Implementation will enable on-line entry, submission and approvals of timesheets resulting in improved accuracy and efficiency not only for the person preparing the form, but their supervisors and personnel managers. Another benefit will be improved reporting and tracking mechanisms.
	IT Help Desk	General Fund Project Management \$10,000 Used existing tools and implemented change in process for support activities realigned some duties of staff.	1. Over 800 help desk contacts documented from the period of February through June 2001. 2. Single point of contact results in more prompt, timely and accurate customer service. 3. Criteria established as to prioritizing and assigning work orders, which includes a skill set inventory of IT staff, and customer contact within 24 hours. 4. System provides improved tracking and monitoring of workload, and responsiveness to customer requests. 5. Promotes skill development and cross training of IT staff. 6. Problem resolution is being documented for future reference, creating more efficiency.
	Desktop Faxing	Purchase of RelayFax tool \$828 General Fund	1. Greater efficiency with desktop faxing than paper faxing. 2. Tool is easy to use, easy to install, convenient for user and inexpensive. 3. Meets Governor's criteria for electronic commerce. 4. Fifty licenses purchased for DNR capitol complex use. 5. Electronic documents are faxed in a fraction of the time resulting in timesaving for 12 support staff. Fifty concurrent uses have ability to utilize the electronic faxing tool.
<b>People:</b> Develop and maintain an effective work force.	Performance Evaluations/ Recognition	General Fund NOTE: Due to budget cuts, IT staff training was very limited.	1. IT self evaluations completed prior to 6-30-01. 2. Use of Goldfinch award underway. 3. Limited training for PC support. Took advantage of free seminars and offerings.
<b>Processes:</b> Develop more efficient and effective business practices with an emphasis on paperless transactions.	Desktop Faxing	General Fund Included in cost above.	1. Electronic documents are faxed automatically. The old fax method required printing down documents created electronically and feeding them through one paper sheet at a time. 2. Meets Governor's criteria for 100% E.
	Help Desk	General Fund Included above.	1. Help desk process allows customers to call in via telephone ore through e-mail resulting in improved customer service. Work orders are completed on-line.

Information Technology Department functions: Network Administration, Applications Development, IT Planning & Coordination, and Desktop Support

## Licensing and Administrative Support Bureau

Sub-Goals	Strategy	Funding Source and Amount	Accomplishments
<b>Culture:</b> Provide services in a manner that enhances customer satisfaction.	Electronic Licensing	Trust Fund Capitals  Development cost: \$1,000,000 Transaction fee: \$.77/privilege at \$924,000/yr Paper costs of \$30,000/yr  General Fund Staff time	<ol style="list-style-type: none"> <li>1. 2001 completed first full year of issuing licenses electronically.</li> <li>2. Increased customer service and convenience to hunters/anglers. Customers can purchase licenses from over 900 license agents vs. mailing in their application to the DNR.</li> <li>3. Licenses can now be verified by a phone call from the field.</li> <li>4. Licenses can be purchased 24 hours a day through a 1-800 number.</li> <li>5. DNR collects hunting/fishing revenue every seven days vs. once/month under the old paper system, collecting 10 million in FY01.</li> <li>6. ELSI provides immediate denial to customers with delinquent child support or hunting/fishing suspensions.</li> <li>7. License agents are not required to have a bond or submit monthly reports.</li> <li>8. ELSI provides one database containing all IDNR fishing and hunting customers.</li> <li>9. Six part-time staff positions eliminated for savings of \$30,000 annually.</li> <li>0. Savings of \$70,000 realized annually on design, printing and distribution of license applications.</li> </ol>
	Phone Center	General Fund  \$180,000 in personnel and support costs redirected within bureau	<ol style="list-style-type: none"> <li>1. All calls answered during normal business hours, with 90% answered in 60 seconds.</li> <li>2. All calls answered in one ring, with no busy signal.</li> <li>3. Phone Center responds to an average of 7417 calls/month, with no more than 19% transferred to other staff.</li> <li>4. During a 3-month period, 4722 customers selected a hot topic, with 69% receiving the information they needed electronically, saving staff time.</li> <li>5. The cost of services has been reduced \$317/month, effective January 2002.</li> </ol>
<b>People:</b> Develop and maintain an effective work force.	Performance Evaluations	General Fund  Staff time	<ol style="list-style-type: none"> <li>1. All staff have a current performance evaluation on file.</li> <li>2. Performance expectations have been implemented for supervisory staff that are consistent with the state's guiding principles.</li> </ol>
	Reward System	General Fund Staff time	<ol style="list-style-type: none"> <li>1. The Goldfinch Award was established for spontaneous employee recognition. This has been set up on a shared drive for all staff to access and use to recognize peers.</li> </ol>
	Teamwork Training	General Fund  Staff time	<ol style="list-style-type: none"> <li>1. The Administrative Support Bureau partnered with IDOP to create an assessment tool and training package tailored to address communication, conflict resolution and teamwork.</li> <li>2. The training was rolled out July 2002, with all staff at our 4<sup>th</sup> floor customer service center participating and providing feedback to enhance the training package.</li> <li>3. Staff skills were enhanced as identified by surveys completed.</li> </ol>
<b>Processes:</b> Develop more efficient and effective business practices with an emphasis on paperless transactions.	Hunter Safety Process	General Fund Fish and Wildlife Trust Fund Staff time	<ol style="list-style-type: none"> <li>1. Improved customer service, with immediate receipt of the Hunter Ed Certificate at the completion of training.</li> <li>2. Instructors can send student data to the central office electronically.</li> <li>3. Customers are now able to purchase a duplicate certificate from any ELSI vendor rather than Des Moines exclusively.</li> <li>4. Savings of \$20,000/yr. due to elimination of special envelope, laminated card and postage costs.</li> </ol>

The ASD supports all of the goals of the operating divisions.

## Budget & Finance Bureau

Sub-Goals	Strategy	Funding Source and Amount	Accomplishments
<b>Financial Responsibility</b>		\$1,484,000 General Fund  (\$345,000 of above amount is used to pay Departmental Workers Comp and Audit costs)	<ol style="list-style-type: none"> <li>1. Budget reductions were managed appropriately as evidenced by a general fund reversion of only \$18,000 out of \$17.9 million.</li> <li>2. Approximately 50,000 claims were processed with the average payment time being within 1 week from receipt within accounting.</li> <li>3. No significant audit comments were received concerning Agency financial operations either from state or federal auditors.</li> <li>4. Implementation of procurement card usage by staff has reduced the number of claims processed while providing payment to vendors instantaneously and providing staff with a convenient way to procure needed materials.</li> <li>5. Implementation of the Electronic Licensing system was completed, eliminating the manual licensing system and bringing the Department one step closer to 100% by 2003.</li> <li>6. Preliminary work on changing over from a manual time keeping form to an automated state-developed HRIS payroll system was completed with partial implementation scheduled for FY '02.</li> </ol>