

# DEPARTMENT OF NATURAL RESOURCES

## FINANCIAL SUMMARY

	FY 2017 EXPENDITURE	FY 2018 APPROPRIATION	FY 2019 REQUEST	GOVERNOR RECOMMENDS FY 2019
Department Operations	\$ 4,595,000	\$ 5,592,681	\$ 5,568,331	\$ 5,549,875
Environmental Programs	296,066,756	487,045,541	485,521,394	498,764,773
Missouri Geological Survey	9,873,703	14,374,761	13,046,109	13,549,699
Missouri State Parks	37,516,985	43,982,835	44,207,835	44,616,173
Historic Preservation	2,627,477	4,142,644	4,142,644	4,153,212
Agency-Wide Implementation	23,265,590	26,188,229	26,313,576	26,196,991
Environmental Improvement and Energy Resources Authority	0	1	1	1
<b>DEPARTMENTAL TOTAL</b>	<b>\$ 373,945,511</b>	<b>\$ 581,326,692</b>	<b>\$ 578,799,890</b>	<b>\$ 592,830,724</b>
General Revenue Fund	10,618,219	12,730,552	12,450,450	12,216,293
Federal Funds	25,800,220	48,023,808	47,744,667	47,933,165
Other Funds	337,527,072	520,572,332	518,604,773	532,681,266
<b>Total Full-time Equivalent Employees</b>	<b>1,594.98</b>	<b>1,692.62</b>	<b>1,692.05</b>	<b>1,687.05</b>
General Revenue Fund	131.31	133.45	132.95	129.95
Federal Funds	331.16	341.57	339.82	339.82
Other Funds	1,132.51	1,217.60	1,219.28	1,217.28

## DEPARTMENT SUMMARY

The Fiscal Year 2019 budget provides \$593 million for the Department of Natural Resources. The department protects Missouri's air, land, and water; preserves Missouri's unique natural and historic places; and provides recreational opportunities. The core functions provided by the Department of Natural Resources include:

- Managing Missouri's state parks and cultural and historical resources.
- Protecting Missouri's water by implementing state and federal environmental laws.
- Overseeing environmental programs that improve air quality and safely manage hazardous and solid waste.
- Helping landowners conserve topsoil and protect water resources.
- Investigating the state's geology and water resources to determine the character and availability of the state's natural resources.
- Providing compliance assistance to businesses, industries, local governments, and farmers.

**DEPARTMENT OF NATURAL RESOURCES  
DEPARTMENT OPERATIONS**

**FINANCIAL SUMMARY**

	FY 2017 EXPENDITURE	FY 2018 APPROPRIATION	GOVERNOR RECOMMENDS FY 2019
Department Operations TOTAL	\$ 4,595,000	\$ 5,592,681	\$ 5,549,875
<b>PERSONAL SERVICE</b>			
General Revenue Fund	193,991	199,992	189,164
Federal Funds	1,230,212	507,217	510,732
Other Funds	2,394,847	3,297,826	3,309,963
<b>EXPENSE AND EQUIPMENT</b>			
General Revenue Fund	106,200	109,486	61,856
Federal Funds	29,915	313,142	313,142
Other Funds	639,835	1,165,018	1,165,018
<b>TOTAL</b>			
General Revenue Fund	300,191	309,478	251,020
Federal Funds	1,260,127	820,359	823,874
Other Funds	3,034,682	4,462,844	4,474,981
<b>Total Full-time Equivalent Employees</b>	<b>74.32</b>	<b>82.69</b>	<b>82.19</b>
General Revenue Fund	3.75	9.50	9.00
Federal Funds	23.47	10.10	10.10
Other Funds	47.10	63.09	63.09

Department Operations is responsible for developing statewide environmental and natural resource policies. Under its leadership, the department works to protect water, air, land, recreational, and cultural resources. Department Operations staff represent Missouri before several regional and national organizations and agencies, including the U.S. Environmental Protection Agency and a regional river basin association. Department Operations partners with the Environmental Improvement and Energy Resources Authority and Petroleum Storage Tank Insurance Fund Board to achieve shared objectives. Responsible for the management of all department organizational units, Department Operations implements policies to provide direction, and to improve efficiencies and coordination. Department Operations provides the department legal counsel as well as administrative support, including budget development, financial resource allocations, internal auditing, accounting, human resources management, procurement, grants management, and other general services. Also included in Department Operations, communications staff convey the department's commitment to Missouri's resources and ways the public can protect and enjoy those resources.

**Fiscal Year 2019 Governor's Recommendations**

- \$29,173 for pay plan, including \$3,161 general revenue.
- (\$47,630) core reduction from the Fiscal Year 2018 appropriation level.
- (\$24,349) and (.5) staff transferred to the Office of the Governor, including (\$13,989) general revenue.

**DEPARTMENT OF NATURAL RESOURCES  
ENVIRONMENTAL PROGRAMS**

**FINANCIAL SUMMARY**

	FY 2017 EXPENDITURE	FY 2018 APPROPRIATION	GOVERNOR RECOMMENDS FY 2019
Environmental Quality	\$ 36,916,064	\$ 45,252,737	\$ 44,660,773
Soil and Water Conservation	52,468,275	58,997,971	58,973,952
Environmental Financial Support	205,654,182	376,636,916	388,972,131
Environmental Restoration	1,028,235	6,157,917	6,157,917
<b>TOTAL</b>	<b>\$ 296,066,756</b>	<b>\$ 487,045,541</b>	<b>\$ 498,764,773</b>
<b>PERSONAL SERVICE</b>			
General Revenue Fund	3,643,095	3,780,814	3,675,460
Federal Funds	12,320,453	12,813,915	12,939,710
Other Funds	16,940,371	20,038,982	20,154,603
<b>EXPENSE AND EQUIPMENT</b>			
General Revenue Fund	656,302	750,758	1,085,758
Federal Funds	2,962,957	7,225,858	6,699,858
Other Funds	6,981,383	16,152,739	15,339,943
<b>PROGRAM SPECIFIC DISTRIBUTION</b>			
General Revenue Fund	961,176	3,075,449	1,925,664
Federal Funds	2,633,435	15,735,916	16,035,916
Other Funds	248,967,584	407,471,110	420,907,861
<b>TOTAL</b>			
General Revenue Fund	5,260,573	7,607,021	6,686,882
Federal Funds	17,916,845	35,775,689	35,675,484
Other Funds	272,889,338	443,662,831	456,402,407
<b>Total Full-time Equivalent Employees</b>			
General Revenue Fund	730.23	796.10	789.28
Federal Funds	85.17	80.67	77.67
Other Funds	269.37	280.92	280.17
Other Funds	375.69	434.51	431.44

**ENVIRONMENTAL QUALITY**

Water Protection Program – The Water Protection Program (WPP) includes three functional areas of responsibility: water pollution control, public drinking water, and financial assistance. The program protects the quality of Missouri’s groundwater, streams, and lakes, safeguarding these vital resources, enhancing agricultural production, forestry, fisheries, water-intensive manufacturing, water recreation, tourism, hunting, and fishing and ensuring that water is safe for human and animal consumption. The WPP ensures that all public drinking water systems provide clean and healthy drinking water for Missouri’s citizens by ensuring that public water system construction and operation comply with the requirements of the federal Safe Drinking Water Act. The program also trains and certifies operators at Missouri’s water supply and wastewater treatment plants. The program’s Financial Assistance Center administers the federal Clean Water and Drinking Water State Revolving Fund programs that provide low-interest loans and grants to Missouri communities for the construction of new, and the improvement of existing drinking water supply, wastewater treatment, and stormwater management systems.

Air Pollution Control Program – The Air Pollution Control Program (APCP) staff support the Air Conservation Commission, which develops policies to maintain and enhance the state’s air quality for the protection of the public’s health. Operating under the Clean Air Act’s State Implementation Plans and Rules, the APCP reviews facility construction and operating permits to help ensure ambient air quality. Working with the department’s regional office staff, the APCP identifies facilities that are not in compliance prior to pursuing any enforcement action. Collecting air quality and emission inventory data, the APCP provides benchmark data for Missouri air quality monitoring and planning. Through the state’s vehicle emission inspection program, the APCP helps ensure that pollutant levels in the St. Louis area improve and meet federal health-based air standards. Staff also coordinate air pollution control activities with other programs in the division.

Solid Waste Management Program – The Solid Waste Management Program ensures solid waste facilities (e.g. landfills, transfer stations including infectious waste and material recovery facilities, and scrap tire facilities) are designed and operated in a manner protective of neighbors and property through permitting, inspecting, and technical assistance activities. The program encourages management of waste materials through improved processing, reduced generation, beneficial reuse, recycling, energy recovery, and proper disposal.

## **DEPARTMENT OF NATURAL RESOURCES ENVIRONMENTAL PROGRAMS**

Hazardous Waste Program – The Hazardous Waste Program (HWP) provides technical assistance and ensures compliance with state and federal law regulating hazardous waste practices from the point of generation through transportation and final disposal to ensure the safe and legal handling of such materials. The HWP is responsible for permitting and inspecting facilities that treat, store, or dispose of hazardous waste. Together with these functions, the registration and reporting requirements for hazardous waste generators enable the program to identify the amount and types of waste generated, stored, transported off-site, and treated or otherwise disposed. The HWP also has several regulatory programs that oversee the cleanup of sites contaminated with hazardous substances. The cleanup at these sites are addressed through assessments, site investigations, feasibility studies, and remedial actions. The HWP registers and regulates petroleum underground storage tanks; provides general and technical information concerning the installation, use, and closure of such systems; encourages compliance with underground storage tank law, regulations, and performance standards; and oversees corrective actions taken in response to leaks and other releases. In addition, the program provides oversight services for those who wish to voluntarily cleanup contaminated properties, reviving them for productive use. To ensure safe and productive reuse of properties for future generations, the HWP implements long-term stewardship measures for remedial properties.

Regional Offices – Regional Office activities support the implementation of the department's environmental programs throughout Missouri. Staff perform field inspections, provide compliance and technical assistance to regulated entities, respond to environmental emergencies for non-hazardous substances (e.g., fishkills), issue permits, investigate reports of environmental concerns from the public, and provide front-line troubleshooting, problem solving, and regulatory education and assistance on environmental issues.

Environmental Services Program – The Environmental Services Program supports department programs by providing accurate scientific data for their work. Staff perform field work, conduct monitoring, collect samples, and provide laboratory testing for environmental pollutants. The Environmental Emergency Response Section serves as the department's front line of defense to significant and imminent environmental emergencies and maintains a 24-hour hotline.

### **Fiscal Year 2019 Governor's Recommendations**

- \$423,227 for pay plan, including \$44,582 general revenue.
- (\$1,015,191) and (5.82) staff core reduction from the Fiscal Year 2018 appropriation level, including (\$149,936) general revenue.

## **SOIL AND WATER CONSERVATION**

The Soil and Water Conservation Program implements the policies of the Soil and Water Districts Commission to ensure the long-term productivity of Missouri's soil and protection of water resources. Program staff provide guidance to Missouri's local soil and water conservation districts and administer conservation programs funded by one-half of the constitutionally authorized one-tenth of one percent dedicated parks, soils, and water sales tax. Soil and water sales tax funded programs include: (1) cost share assistance for agricultural landowners to implement approved soil and water conservation practices; (2) grants to local districts for operational expenses; (3) water quality monitoring of conservation practices; and (4) grants for research on soil and water conservation issues.

### **Fiscal Year 2019 Governor's Recommendations**

- \$18,761 federal and other funds for pay plan.
- (\$42,780) Soil and Water Sales Tax Fund and (one) staff core reduction from the Fiscal Year 2018 appropriation level.

## **ENVIRONMENTAL FINANCIAL SUPPORT**

The department administers a variety of funds for local governments and others to control air pollution, assess and remediate contaminated sites, collect and manage pesticide waste, reduce and reuse solid waste, monitor and test drinking water supplies, and construct or improve water and wastewater facilities.

### **Fiscal Year 2019 Governor's Recommendations**

- \$13,500,000 Volkswagen Environmental Mitigation Trust Proceeds Fund to help reduce air pollution from mobile sources.
- \$962,979 to pay for the state's obligation for the Superfund cleanup of contaminated sites.
- \$335,000 to implement closure, post-closure, and corrective action plans at landfills where operators are no longer meeting their obligations to do so.
- (\$1,350,000) core reduction from the Fiscal Year 2018 appropriation level, including (\$1,000,000) general revenue.
- (\$1,112,764) core reduction for one-time expenditures.

## **ENVIRONMENTAL RESTORATION**

The department conducts natural resource damage assessments where unpermitted releases have damaged natural resources. These assessments evaluate the extent of and method to mitigate the damage and how to compensate the public for the damage. The department works with responsible parties to either participate in the restoration or negotiate a monetary settlement, which is then used to restore the damaged resource or acquire equivalent resources.

### **Fiscal Year 2019 Governor's Recommendations**

Continue funding at the current level.

**DEPARTMENT OF NATURAL RESOURCES  
MISSOURI GEOLOGICAL SURVEY**

**FINANCIAL SUMMARY**

	FY 2017 EXPENDITURE	FY 2018 APPROPRIATION	GOVERNOR RECOMMENDS FY 2019
Missouri Geological Survey TOTAL	\$ 9,873,703	\$ 14,374,761	\$ 13,549,699
<b>PERSONAL SERVICE</b>			
General Revenue Fund	2,152,324	2,295,952	2,310,690
Federal Funds	1,221,526	1,796,541	1,768,097
Other Funds	1,238,610	1,606,937	1,620,815
<b>EXPENSE AND EQUIPMENT</b>			
General Revenue Fund	1,732,784	1,321,003	1,770,603
Federal Funds	2,002,673	4,504,884	4,329,884
Other Funds	1,048,689	2,362,344	1,262,510
<b>PROGRAM SPECIFIC DISTRIBUTION</b>			
General Revenue Fund	477,097	477,098	477,098
Federal Funds	0	10,001	10,001
Other Funds	0	1	1
<b>TOTAL</b>			
General Revenue Fund	4,362,205	4,094,053	4,558,391
Federal Funds	3,224,199	6,311,426	6,107,982
Other Funds	2,287,299	3,969,282	2,883,326
<b>Total Full-time Equivalent Employees</b>	<b>98.20</b>	<b>117.17</b>	<b>115.92</b>
General Revenue Fund	42.39	43.28	43.28
Federal Funds	26.09	35.37	34.37
Other Funds	29.72	38.52	38.27

Headquartered in Rolla, Missouri, the Missouri Geological Survey (MGS) includes the Geological Survey Program, Land Reclamation Program, Water Resources Center, and Dam and Reservoir Safety Program. The Geological Survey Program investigates the state's geology, providing geologic and hydrologic information and expertise to aid economic and environmental decision-making regarding site remediation, contaminant migration, subsurface investigations, and geologic hazards. Staff oversee the proper construction of all wells, including water, oil, gas, exploration, heat pumps, and monitoring. The division also determines the character and availability of the state's energy and mineral resources. Division management represents the state through the Association of American State Geologists and the Central U.S. Earthquake Consortium.

The Land Reclamation Program provides technical support for the Missouri Mining Commission. The commission regulates the surface mining of coal and other mineral commodities (such as lead, barite, tar sands, clay, limestone, sand, and gravel). Staff regulatory duties include developing regulations, permitting, inspection, complaint investigation, bonding, and enforcement. Staff reclamation duties include human health and environmental hazard assessment, reclamation plan designs, contracting, budgeting, public relations, landowner education, construction oversight, and maintenance of reclaimed abandoned mine lands and bond forfeiture mine lands until responsibility release is approved by the commission.

To meet Missouri's comprehensive water needs, Water Resources' hydrologists, geologists, and engineers investigate and monitor surface water and groundwater resource characteristics, availability, and use. Program responsibilities include (1) operating a statewide groundwater monitoring network with real-time water quantity data; (2) collecting and analyzing surface-water flow data for reaction to flood and drought emergencies; (3) providing guidance, data, and technical expertise in the preservation and development of sustainable regional water supplies throughout Missouri; and (4) defending the state's vital water interests in the Missouri River, the Mississippi River, and other interstate water resources, before federal and interstate water resource management authorities.

The Dam and Reservoir Safety Program administers the provisions of the Missouri Dam and Reservoir Safety law. The program provides public safety of downstream residents against dam failure as well as protecting the investment and purpose of the reservoir. The program regulates non-federal, non-agricultural dams 35 feet high and higher through inspections and issuance of registration, safety, and construction permits. The program performs emergency response to dams in distress and provides engineering evaluation of conditions during natural disasters to protect life and property.

**DEPARTMENT OF NATURAL RESOURCES  
MISSOURI GEOLOGICAL SURVEY**

**Fiscal Year 2019 Governor's Recommendations**

- \$389,600 to sustain the operation of gages that monitor stream and groundwater levels throughout the state.
- \$60,000 to update groundwater gage data logging and transmitting devices.
- \$53,990 for pay plan, including \$14,738 general revenue.
- (\$1,273,450) federal and other funds core reduction for one-time expenditures.
- (\$55,202) federal and other funds and (1.25) staff core reduction from the Fiscal Year 2018 appropriation level.

**DEPARTMENT OF NATURAL RESOURCES  
MISSOURI STATE PARKS**

**FINANCIAL SUMMARY**

	FY 2017 EXPENDITURE	FY 2018 APPROPRIATION	GOVERNOR RECOMMENDS FY 2019
Missouri State Parks Operation TOTAL	\$ 37,516,985	\$ 43,982,835	\$ 44,616,173
PERSONAL SERVICE			
Federal Funds	104,565	177,681	180,977
Other Funds	21,911,319	22,739,317	23,144,359
EXPENSE AND EQUIPMENT			
Federal Funds	261,553	281,306	481,306
Other Funds	13,261,777	17,078,531	17,068,531
PROGRAM SPECIFIC DISTRIBUTION			
Federal Funds	1,857,955	3,600,000	3,600,000
Other Funds	119,816	106,000	141,000
TOTAL			
Federal Funds	2,224,073	4,058,987	4,262,283
Other Funds	35,292,912	39,923,848	40,353,890
Total Full-time Equivalent Employees	656.79	661.21	661.21
Federal Funds	2.39	5.07	5.07
Other Funds	654.40	656.14	656.14

Missouri's Division of State Parks manages the many recreational, cultural, and historical resources of the Missouri state parks system. The division also administers programs to promote outdoor recreation statewide.

Missouri's state parks system consists of 91 state parks and historic sites, as well as the Roger Pryor Pioneer Backcountry. The system is divided into five districts, with each of the district headquarters reporting to the Central Office in Jefferson City. Administrative, maintenance, and service personnel manage the lands and improvements, provide recreational and educational programs for visitors, and provide necessary law enforcement. Funding provided by one-half of the constitutionally authorized one-tenth of one percent parks, soils, and water sales tax has been used for projects such as campground remodeling; the addition of shower houses and restrooms; paving of roads within campgrounds; restoration of landscapes; and personnel for maintenance, education, and site interpretation. The parks sales tax provides continued restoration and improvement of the state parks system and allows division staff to better serve the millions of people who visit parks and historic sites each year.

Central Office administration directs and coordinates the management of the state parks system. Responsibilities include personnel management, budget and policy development, and the evaluation of management procedures and performance. Central Office staff provide logistical support to the individual state parks, and operate the central sign shop, central warehouse, and aerial device unit. Staff also identify unique natural areas which may require protection; conduct special studies related to parks operations and development; and prepare site, architectural, and engineering plans and maps.

The division also administers grants that finance outdoor recreation projects.

**Fiscal Year 2019 Governor's Recommendations**

- \$400,000 federal and other funds for grants.
- \$408,338 federal and other funds for pay plan.
- (\$175,000) Parks Sales Tax Fund core reduction for one-time expenditures.



**DEPARTMENT OF NATURAL RESOURCES  
HISTORIC PRESERVATION**

**FINANCIAL SUMMARY**

	FY 2017 EXPENDITURE	FY 2018 APPROPRIATION	GOVERNOR RECOMMENDS FY 2019
Historic Preservation TOTAL	\$ 2,627,477	\$ 4,142,644	\$ 4,153,212
<b>PERSONAL SERVICE</b>			
Federal Funds	403,242	407,321	413,516
Other Funds	283,021	305,887	310,260
<b>EXPENSE AND EQUIPMENT</b>			
Federal Funds	48,255	90,026	90,026
Other Funds	56,081	42,167	42,167
<b>PROGRAM SPECIFIC DISTRIBUTION</b>			
General Revenue Fund	695,250	720,000	720,000
Federal Funds	289,303	560,000	560,000
Other Funds	852,325	2,017,243	2,017,243
<b>TOTAL</b>			
General Revenue Fund	695,250	720,000	720,000
Federal Funds	740,800	1,057,347	1,063,542
Other Funds	1,191,427	2,365,297	2,369,670
<b>Total Full-time Equivalent Employees</b>	<b>16.80</b>	<b>17.25</b>	<b>17.25</b>
Federal Funds	9.84	10.11	10.11
Other Funds	6.96	7.14	7.14

The State Historic Preservation Office helps identify and preserve historic properties and cultural resources throughout the state, administers grants and loans to support preservation efforts, and provides technical assistance to taxpayers in qualifying for historic preservation tax credits.

**Fiscal Year 2019 Governor's Recommendations**

- \$10,568 federal and other funds for pay plan.

**DEPARTMENT OF NATURAL RESOURCES  
AGENCY-WIDE IMPLEMENTATION**

**FINANCIAL SUMMARY**

	FY 2017 EXPENDITURE	FY 2018 APPROPRIATION	GOVERNOR RECOMMENDS FY 2019
Department of Natural Resources Revolving Services Fund	\$ 1,766,677	\$ 2,921,745	\$ 2,921,745
Sales Tax Reimbursement to General Revenue	23,835	250,000	50,000
Petroleum Storage Tank Insurance Fund Board	1,556,738	2,222,904	2,349,204
Petroleum Storage Tank Insurance Fund Claims	18,194,205	20,000,000	20,000,000
Petroleum Related Activities	781,527	793,580	876,042
DNR Integrated Data System	942,608	0	0
<b>TOTAL</b>	<b>\$ 23,265,590</b>	<b>\$ 26,188,229</b>	<b>\$ 26,196,991</b>
<b>PERSONAL SERVICE</b>			
Other Funds	850,742	852,776	1,053,518
<b>EXPENSE AND EQUIPMENT</b>			
Federal Funds	153,732	0	0
Other Funds	5,697,783	7,480,453	7,288,473
<b>PROGRAM SPECIFIC DISTRIBUTION</b>			
Federal Funds	280,444	0	0
Other Funds	16,282,889	17,855,000	17,855,000
<b>TOTAL</b>			
Federal Funds	434,176	0	0
Other Funds	22,831,414	26,188,229	26,196,991
<b>Total Full-time Equivalent Employees</b>	<b>18.64</b>	<b>18.20</b>	<b>21.20</b>
Other Funds	18.64	18.20	21.20

A number of projects and administrative issues are multi-faceted and require resources and expertise from several divisions within the Department of Natural Resources. To effectively coordinate work on these issues, the department consolidated these operations agency wide.

**Fiscal Year 2019 Governor's Recommendations**

- \$125,000 Petroleum Storage Tank Insurance Fund and two staff to provide additional support for the Petroleum Storage Tank Insurance Fund Board operations.
- \$71,932 Petroleum Storage Tank Insurance Fund and one staff to help prevent and remediate petroleum storage tank site contamination.
- \$11,830 Petroleum Storage Tank Insurance Fund for pay plan.
- (\$200,000) State Park Earnings Fund core reduction from the Fiscal Year 2018 appropriation level.

**DEPARTMENT OF NATURAL RESOURCES  
ENVIRONMENTAL IMPROVEMENT AND ENERGY RESOURCES AUTHORITY**

**FINANCIAL SUMMARY**

	FY 2017 EXPENDITURE	FY 2018 APPROPRIATION	GOVERNOR RECOMMENDS FY 2019
Environmental Improvement and Energy Resources Authority TOTAL	\$ 0	\$ 1	\$ 1
PROGRAM SPECIFIC DISTRIBUTION			
Other Funds	0	1	1
Total Full-time Equivalent Employees	0.00	0.00	0.00

The Environmental Improvement and Energy Resources Authority, under Chapter 260, RSMo, is an independent, self-supporting, quasi-governmental agency assigned to the Department of Natural Resources.

Due to its special independent status as “a body corporate and politic,” the authority is able to issue tax-exempt bonds and use fees charged for issuance of its bonds and notes. The authority is empowered to conduct environmental and energy research and development activities; develop alternative methods of financing environmental and energy projects; and assist Missouri communities, organizations, and businesses in obtaining low-cost funds and other financial assistance for projects related to the authority’s purpose. This appropriation allows authority employees to participate in the state employee retirement system.

**Fiscal Year 2019 Governor’s Recommendations**

Continue funding at the current level.