

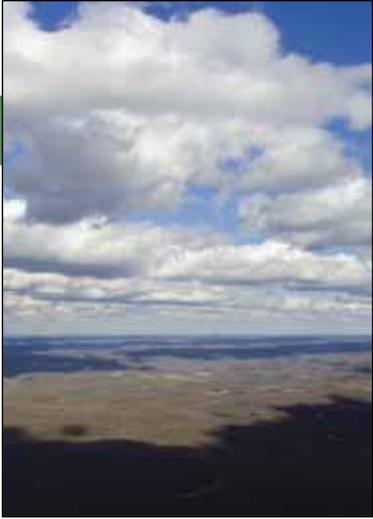
# Missouri Department of **N**natural **R**esources



**MISSOURI**  
DEPARTMENT OF  
NATURAL RESOURCES

P.O. Box 176 • Jefferson City, MO 65102-0176 • [www.dnr.mo.gov](http://www.dnr.mo.gov)





## Missouri's Air Quality

Missouri's air sustains us in everything we do. Whether working in a garden, waiting for a bus or hitting home runs, clean air is essential to our health and very existence. Ozone, fine particulate matter and lead are the primary airborne pollutants of concern in Missouri. Federal and state standards set clear limits on those pollutants so that human

health is not adversely affected. If concentrations in the air are above those limits, the standards are not met and our quality of life and health can be compromised.

Ground-level ozone is a health and environmental concern in larger metropolitan areas like St. Louis, Kansas City and Springfield. Ozone is of greatest concern during hot summer months when pollutants in the air react with sunlight. In Missouri, ozone season begins April 1 and ends Oct. 31. The department uses monitors located throughout the state to obtain air quality and emissions data. The department can use the data to further its efforts for improving air quality and the health of Missourians.

Missouri's air quality has steadily improved during the last decade, but tightening air quality standards are requiring additional controls to protect our air resources. In 2008, the National Ambient Air Quality Standards for ozone were revised to a level more protective of public health and the environment. Based on this revised standard, the state must reevaluate areas for compliance with the new ozone standard.

The outcome of the designation process will be a recommended list of counties in the state that currently monitor or are contributing to ozone violations. Once final designations are made, state implementation plans will be developed outlining how Missouri will reduce pollution to meet the standard. To reach these standards, Missouri must balance the needs of many diverse groups and federal, state and local interests to provide clean air for all Missouri citizens. Once the state plans are approved by the U.S. Environmental Protection Agency, Missouri will be required to meet the new ozone standard with emission controls and deadlines, depending on the severity of the problem.



## Missouri's Land Resources

From the forested Ozarks and rolling hills to the plains and prairies full of life, our land is an asset the Department of Natural Resources is committed to protecting and enhancing. This effort includes conserving agricultural land; managing and distributing land survey records; and overseeing mining activity so minerals are properly extracted and surface reclamation is completed.

Improper solid and hazardous waste management can cause or contribute to health and environmental problems such as the West Nile virus, contamination of groundwater and surface water and increased air pollution. Solid waste includes residential garbage, infectious medical waste, scrap tires, construction and demolition waste, and non-hazardous industrial and commercial wastes. The total amount of waste disposed of by Missourians averages 1.22 tons per person per year. The department offers assistance to individuals, communities and businesses on composting, reducing, reusing and recycling.



Courtesy Ridge Landfill, Sugar Creek



State Parks

The department also regulates hazardous waste management. We provide state oversight during voluntary cleanups of brownfield properties contaminated with hazardous substances. Proper cleanup returns the land to productive use and encourages economic redevelopment of the site by owners, operators or prospective buyers. Proper hazardous waste management and reduction or reuse of the amount of waste generated can decrease the threat to human health and the environment.

Agricultural landowners' efforts to reduce topsoil loss also are supported by the department. Agriculture is one of Missouri's most important industries. Soil erosion is detrimental to the long-term future of agricultural production and to the quality of every Missouri river, lake and stream. Since the passage of the parks, soils and water sales tax in 1984, Missouri's soil erosion rates have dropped by more than half, and more than any other state. The tax funds soil conservation programs that decrease erosion and improve water quality across the state.

The department provides law enforcement and fire departments with training, equipment, supplies and collection stations for proper disposal of clandestine drug lab materials. A 24-hour hotline is also available to report hazardous substance releases, provide technical assistance and protection to local communities, and request on-site response to environmental emergencies involving hazardous substances and suspected weapons of mass destruction.

Through geologic and soil mapping, the department untangles and interprets complicated bedrock and surface deposits of Missouri. These maps serve as the foundation for all types of land-use decisions and aid in the development of mineral and fossil fuel resources. The department





also helps assess, evaluate and report geologic hazards and the many risks associated with earthquakes, sinkholes and landslides.

Missouri's land survey data extends back to 1800 and is available to anyone needing assistance with boundary issues. The maintenance of the Public Land Survey System is an ongoing responsibility of the department that is essential in determining property boundaries. The department contracts with private and county land surveyors to assist in replacing important survey monuments that are lost or destroyed. In today's high-tech world, satellites improve the accuracy and efficiency of land survey efforts through the Missouri High Accuracy Reference Network.

## Missouri State Parks and Historic Sites

Missouri's state park system offers something for everyone. The mission of the state park system is to preserve the state's most outstanding natural and cultural features while providing compatible recreational opportunities.

The system includes the homes of famous Missourians, reminders of yesterday such as gristmills and covered bridges, and sites that tell the story of our heritage from American Indians to French and German settlers. The state's most outstanding landscapes are preserved here for everyone to enjoy. Within these parks and sites, visitors can camp, picnic, swim, fish, hike, learn about nature and explore the past. Programs and tours provide opportunities for visitors to do everything from learning to identify wildflowers to watching grain ground into meal.

The benefits to visitors and the state are plentiful. Each year, almost 17 million visitors use our state's parks and historic sites as a place for healthy recreation and family and community gatherings. With more than 140,000 acres in state parks and historic sites and access to 61,000 acres in the Roger Pryor Pioneer Backcountry, the system provides chances to explore many facets of nature, as well as understand Missouri's past and the men and women who shaped its history. The state and local communities benefit economically, with a recent survey estimating the total economic impact of the state park system at \$538 million annually. The department also coordinates federal grant programs that provide financial assistance in the areas of outdoor recreation and trails development.

Three-fourths of the funding for Missouri's 84 state parks and historic sites comes from the parks, soils and water sales tax.

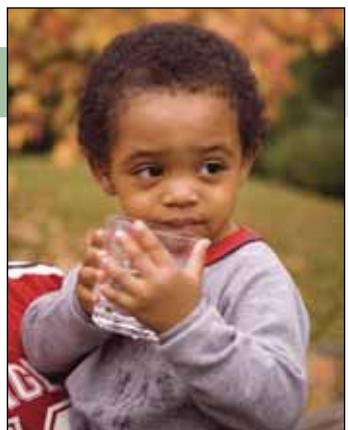


State Parks

## Missouri's Water Resources

The Department of Natural Resources takes a holistic approach to protecting water quality. Working with citizen stakeholder groups, streamlining our permitting process and providing financial assistance to communities making water and wastewater infrastructure improvements are just some of the many tools used to effectively manage our watersheds.

The department works to protect our aquifers. Groundwater levels are monitored and well installers are regulated to assure abundant, high-quality groundwater for Missouri. Dams are inspected to ensure that they are constructed properly and that people and property are protected. In



Public Drinking Water



addition to flood protection, the department helps Missourians plan for and respond to droughts and protect and restore wetlands.

Maintaining a clean supply of public drinking water also is critical for Missouri's health and its future. The department helps meet this goal by regulating all public water systems and monitoring about 90 contaminants that can cause long-term health problems. The department also works with local water districts to ensure treatment plant security.

Missouri's rivers and lakes are an important recreational feature, highly prized by floaters, anglers and tourists around the world. The wide variety and quality of water draws thousands to the state each year for fishing, floating and photography, making this resource an important economic component of our state.

## Energy Use in Missouri

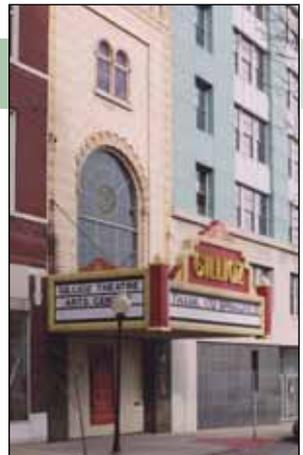
Energy use plays a central role in Missouri's economic prosperity and protection of our environment. Missouri citizens depend on energy sources to power their lifestyles and meet personal and family needs. Missouri businesses and government use energy to produce goods and services. Using energy more efficiently and using cleaner fuels help both the environment and the economy. The Department of Natural Resources serves Missourians by helping citizens make their homes and businesses more energy efficient and by helping schools, local governments, colleges and universities invest in energy-efficiency projects that save tax dollars for other essential needs.

The department advocates the use of clean, sustainable, domestic energy resources and technologies, including the use of solar, biomass, alternative fuels and wind to provide energy for Missouri's buildings and vehicles well into the future. The department also monitors fuel prices and supplies through bimonthly energy bulletins. These services help Missourians make our energy use more efficient and diversify our resources. The savings stay within the state to bolster Missouri's economy, while lower energy consumption reduces power plant and vehicle emissions.



## Historic Preservation

Our state has a rich heritage. Historic preservation is crucial to ensure that examples of our past are available for generations to come. The Department of Natural Resources helps identify, evaluate and protect Missouri's cultural resources. To carry out this mission, the department coordinates a statewide survey to identify historic and prehistoric resources. Staff members also nominate Missouri's most significant cultural resources to the National Register of Historic Places – the federal honor roll of buildings, sites, structures, objects and districts important in American history, architecture, archaeology, engineering or culture that are worthy of preservation. The department's efforts enhance our significant cultural landmarks.



## Field Services and Assistance



Helping businesses, schools, communities and individuals understand and comply with environmental rules and regulations is critical to protecting Missouri's natural resources. The Department of Natural Resources' Field Services Division aids in this effort by providing technical support through regional and satellite offices, designed to make the department more accessible to all Missourians, and the Environmental Services Program, which

helps clean up environmental emergencies, responds to natural disasters, conducts laboratory testing and assists in other efforts.

The department's Ombudsman Program, located in six regions of the state, operates independently of the regional offices and informs the regional directors and department director of issues, concerns and problems, and assists in the department's response.

The department also maintains offices that promote the wise use of energy, the preservation of historic properties and the availability of financial and technical assistance. The department's Energy Center provides financial assistance for energy-efficiency projects and administers the Low-Income Weatherization Assistance Program. The Environmental Improvement and Energy Resources Authority conducts environmental studies and provides financial and technical assistance to help increase Missouri markets for recycled-content products.

# Missouri State Parks, Historic Sites and Departmental Offices

## Names and addresses of Departmental Offices

### KANSAS CITY REGION

Kansas City Regional Office  
500 NE Colbern Rd.  
Lee's Summit, MO 64086-4710  
(816) 622-7000 / Fax (816) 622-7044

Discovery Center  
4750 Troost Ave.  
Kansas City, MO 64110  
(816) 759-7313 / Fax (816) 759-7317

Northwest Missouri Satellite Office  
Northwest Missouri State University  
Environmental Services, 800 University Dr.  
Maryville, MO 64468-6015  
(660) 582-5210 / (660) 582-5290

Truman Lake Satellite Office  
Harry S Truman State Park  
28761 State Park Road West  
Warsaw, MO 65355  
(660) 438-3039 / Fax (660) 438-5271

### NORTHEAST REGION

Northeast Regional Office  
1709 Prospect Dr.  
Macon, MO 63552-2602  
(660) 385-8000 / Fax (660) 385-8090

Kirksville Satellite Office  
Truman State University  
Magruder Hall, Room 3068  
100 E. Normal St.  
Kirksville, MO 63501  
(660) 785-4610

Boonville Satellite Office  
320 First St.  
Boonville, MO 65233  
(660) 882-1540 / Fax (660) 882-1544

Hannibal Satellite Office  
1711 S. Route 61  
PO Box 1067  
Hannibal, MO 63401  
(573) 248-2565 / Fax (573) 248-2564

### ST. LOUIS REGION

St. Louis Regional Office  
7545 S. Lindbergh, Ste. 210  
St. Louis, MO 63125  
(314) 416-2960 / Fax (314) 416-2970

Lincoln County Satellite Office  
Cuivre River State Park  
678 State Rt. 147  
Troy, MO 63379  
(636) 528-4779 / Fax (636) 528-1817

Jefferson County Satellite Office  
Eastern District Parks Office  
Hwy 61  
Festus, MO 63028  
(636) 931-5200 / Fax (636) 931-5204

Franklin County Satellite Office  
Meramec State Park  
Hwy 185 S.  
Sullivan, MO 63080  
(573) 860-4308 / Fax (573) 468-5051

### DEPARTMENT CENTRAL OFFICES

Lewis and Clark State Office Building  
PO Box 176 (1101 Riverside Drive)  
Jefferson City, MO 65102 (65101)  
(573) 751-3443

### OMBUDSMAN PROGRAM

(ombudsman areas do not correspond to regions - see specific county listing below to locate your ombudsman)

Kansas City - Cell (816) 565-1296, (816) 622-7000, Fax (816) 622-7044  
Counties: Atchison, Nodaway, Worth, Harrison, Gentry, DeKalb, Andrew, Holt, Daviess, Buchanan, Clinton, Caldwell, Platte, Clay, Ray, Jackson, Lafayette, Pettis, Johnson, Cass, Bates, Henry, Benton

Northeast - Cell (314) 291-3055, (660) 385-8000; Fax (660) 385-8090  
Counties: Mercer, Putnam, Nodaway, Worth, Harrison, Gentry, DeKalb, Andrew, Holt, Daviess, Buchanan, Clinton, Caldwell, Platte, Clay, Ray, Jackson, Lafayette, Pettis, Johnson, Cass, Bates, Henry, Benton

St. Louis - Cell (314) 560-4703, (314) 416-2960; Fax (314) 416-2970  
Counties: Lincoln, Montgomery, Warren, St. Charles, Jefferson, Washington, St. Francois, Ste. Genevieve, Perry, St. Louis and city of St. Louis

### SOUTHEAST REGION

Southeast Regional Office  
2155 N. Westwood Blvd.  
Poplar Bluff, MO 63901-1420  
(573) 840-9750 / Fax (573) 840-9754

Cape Girardeau County  
2007 Southern Expressway  
Cape Girardeau, MO 63701  
(573) 651-3008 / Fax (573) 651-3008

Delta Center Satellite Office  
PO Box 160  
Portageville, MO 63873  
(573) 379-5431 / Fax (573) 379-5875

Howell County Satellite Office  
906 Springfield Road  
Willow Springs, MO 65793  
(417) 469-0025 (phone and Fax)

Madison County Satellite Office  
120 West Main Street  
Fredericktown, MO 63645  
(573) 783-2385 / Fax (573) 783-6294

Division of Geology and Land Survey  
PO Box 250 (111 Fairgrounds Road)  
Rolla, MO 65402 (65401)  
(573) 368-2100 / Fax (573) 368-2111

Rolla Satellite Office  
PO Box 250 (111 Fairgrounds Road)  
Rolla, MO 65402 (65401)  
(573) 368-3185 / Fax (573) 368-3912

### SOUTHWEST REGION

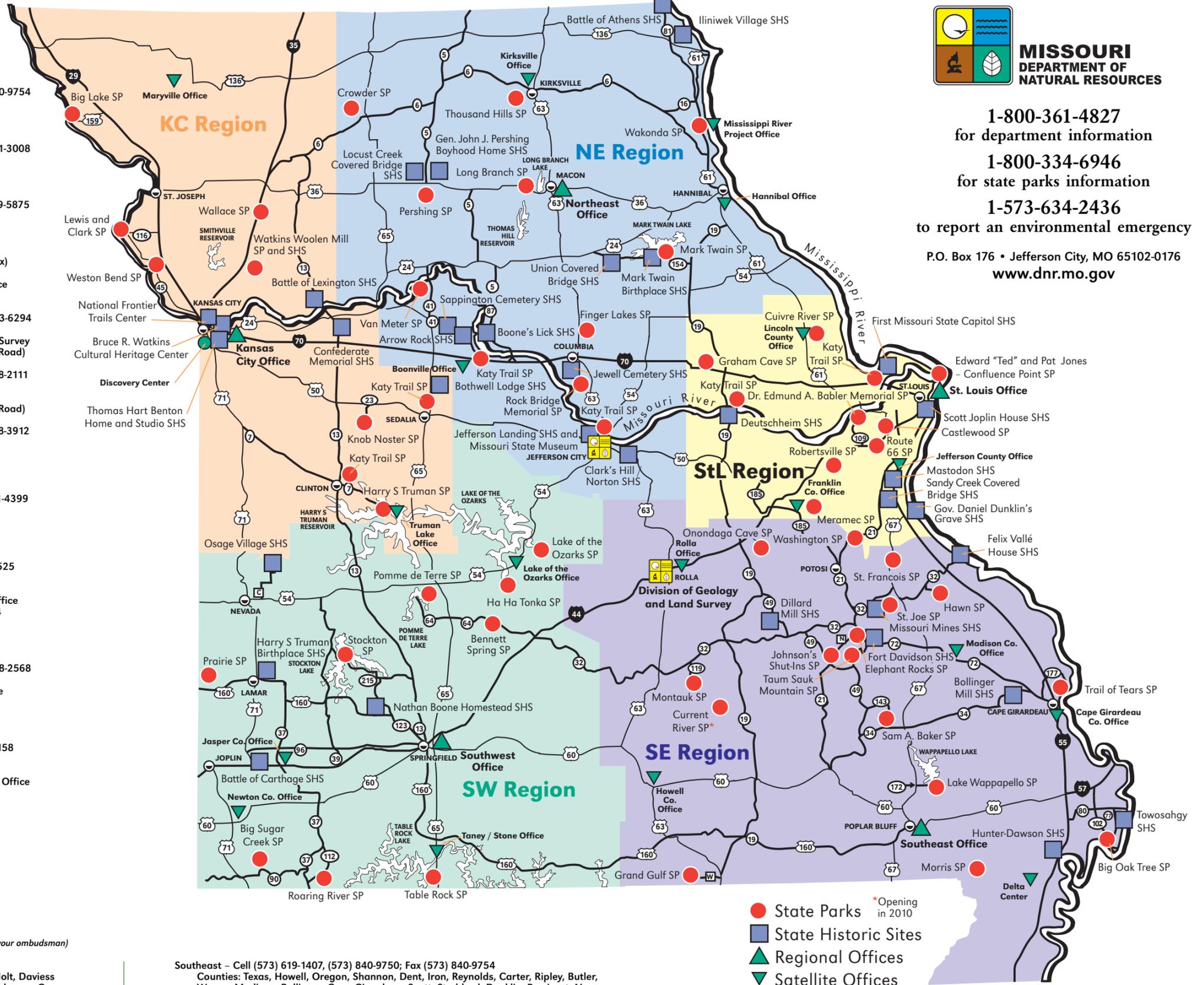
Southwest Regional Office  
2040 W. Woodland  
Springfield, MO 65807-5912  
(417) 891-4300 / Fax (417) 891-4399

Jasper County Satellite Office  
Jasper County Courthouse  
302 S. Main Street Room 204  
Carthage, MO 64836  
(417) 359-1524 or (417) 359-1525  
Fax (417) 359-1519

Lake of the Ozarks Satellite Office  
Camden County, 5570 Hwy 54  
Osage Beach, MO 65065  
Mailing address:  
2040 W. Woodland  
Springfield, MO 65807-5912  
(573) 348-2442 / Fax (573) 348-2568

Newton County Satellite Office  
Crowder College  
601 Laclede  
Smith Hall, Room 201  
Neosho, MO 64850  
(417) 455-5180 or (417) 455-5158  
Fax (417) 455-5157

Taney / Stone County Satellite Office  
Table Rock State Park  
5272 State Hwy 165  
Branson, MO 65616  
(417) 337-9732



**MISSOURI**  
DEPARTMENT OF  
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1-800-361-4827  
for department information  
1-800-334-6946  
for state parks information  
1-573-634-2436  
to report an environmental emergency

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Southeast - Cell (573) 619-1407, (573) 840-9750; Fax (573) 840-9754  
Counties: Texas, Howell, Oregon, Shannon, Dent, Iron, Reynolds, Carter, Ripley, Butler, Wayne, Madison, Bollinger, Cape Girardeau, Scott, Stoddard, Dunklin, Pemiscot, New Madrid, Mississippi

Southwest - Cell (573) 619-1409 and (573) 619-1408, (417) 891-4300; Fax (417) 891-4399  
Counties: Vernon, Barton, Schuyler, Scotland, Clark, Knox, Adair, Sullivan, Grundy, Lewis, Livingston, Linn, Macon, Shelby, Marion, Ralls, Monroe, Randolph, Chariton, Carroll, Saline, Howard, Boone, Callaway, Audrain, Pike, Cooper

Central - Cell (573) 619-1410, (573) 368-2100; Fax (573) 368-2111  
Counties: Moniteau, Morgan, Camden, Pulaski, Phelps, Crawford, Franklin, Gasconade, Maries, Miller, Osage, Cole

**For general questions or information on the following resource issues, call the department at 1-800-361-4827 or a number listed below.**

Air Pollution .....	573-751-4817	Land Survey Information .....	573-368-2300	Recycling .....	573-751-5401
Animal Wastes .....	573-751-1300	Landfills or Transfer Stations .....	573-751-5401	Rocks, Minerals, Fossils, Meteorites .....	573-368-2143
Asbestos .....	573-751-4817	Lead/Environmental Impacts .....	573-751-3176	Sand and Gravel Mining Permits .....	573-751-4041
Brownfields / Voluntary Cleanup Program .....	573-526-8913	Mineral Resources .....	573-368-2143	Sewage Treatment .....	573-751-1300
CAFOS (Concentrated Animal Feeding Operations) .....	573-751-1300	Mining .....	573-751-4041	Small Business Technical Assistance, Grants .....	573-751-4817
Campsite Reservations .....	1-877-422-6766	National Register of Historic Places .....	573-751-7858	State Parks Information .....	1-800-334-6946
Composting .....	573-751-5401	Oil and Gas Permits .....	573-368-2143		
Dam Safety and Construction .....	573-368-2175			<b>State Parks District Offices:</b>	
Earthquakes, Landslides and Sinkholes .....	573-368-2143	<b>Ombudsmen:</b>		North Hills District and Missouri Historic District,	
Ed Clark Museum of Missouri Geology .....	573-368-2100	Northeast Region .....	573-291-3055	Brookfield .....	660-258-7496
Energy Efficiency, Energy Loans, Renewable Energy .....	573-751-2254	Southeast Region .....	573-619-1407	Eastern Parks District and Southern Missouri Historic District,	
Environmental Education .....	573-751-3443	Central Region .....	573-619-1410	Festus .....	636-931-5200
Environmental Emergencies .....	573-634-2436	Southwest Region .....	573-619-1408	Ozark District,	
Erosion and Soil Conservation .....	573-751-4932	Southwest Region .....	573-619-1409	Lebanon .....	417-532-7161
Field Services .....	573-526-5804	St. Louis Region .....	314-560-4703		
Gateway Vehicle Inspection Program .....	314-416-2115	Kansas City Region .....	816-565-1296	State Water Plan .....	573-751-2867
Geological Education .....	573-368-2100			Underground/Leaking Petroleum Storage Tanks .....	573-751-6822
Geologic Information .....	573-368-2100	Open Burning Permits, Odors .....	Contact your nearest regional office	Unmarked Human Burials .....	573-751-7858
Geologic Maps .....	573-368-2143	Operator Training and Certification .....	573-751-1600	Volunteers in Parks .....	573-751-7733
Groundwater Levels, Caves/Springs .....	573-368-2175	Outdoor Recreation Grants .....	573-751-0848	Water Quality .....	573-751-1300
Hazardous Waste .....	573-751-3176	Ozark Trail .....	573-751-5359	Water Resources .....	573-751-2867
Historic Rehabilitation Tax Credits .....	573-751-7858	Permits .....	For a complete packet, call your nearest regional office	Weatherization .....	573-751-2254
Household Hazardous Waste .....	Contact your nearest regional office	Pollution Prevention .....	Contact your nearest regional office	Well Drilling (water, monitoring and heat pump wells,	
Illegal Dumping .....	573-751-5401	Private Well Construction .....	573-368-2165	mineral exploration test holes .....	573-368-2165
		Public Drinking Water .....	573-751-1300	Wellhead Protection (permitting, rules and regulations) .....	573-368-2165

**To report an environmental concern/problem, call 1-800-361-4827 or visit the Web at [www.dnr.mo.gov/concern.htm](http://www.dnr.mo.gov/concern.htm)**

# Missouri Department of Natural Resources

The Department of Natural Resources includes the following divisions and offices:

## **Director's Office**

Missouri Energy Center, soil and water conservation, water resources, ombudsmen program and community assistance

## **Field Services Division**

environmental services, environmental education, environmental assistance, regional and satellite offices

## **Division of State Parks**

state parks and historic sites, historic preservation

## **Division of Environmental Quality**

air pollution, hazardous waste, land reclamation, solid waste, public drinking water and water pollution

## **Division of Geology and Land Survey**

geological survey and land survey

## **Environmental Improvement and Energy Resources Authority**

financial services, market development and State Revolving Fund, Petroleum Storage Tank Insurance Fund



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