
Department of Natural Resources

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Jefferson City 65102-0176
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Department wide toll free: (800) 334-6946
www.dnr.state.mo.us

The Department of Natural Resources preserves, protects and enhances Missouri's natural, cultural and energy resources and works to inspire their enjoyment and responsible use for present and future generations. More than 2,000 employees work to ensure that our state enjoys clean air to breathe, clean water for drinking and recreation and land that sustains a diversity of life.

We take seriously our responsibility of stewardship to protect and enhance the environment in which we work and live. We consider all aspects of the environment when making decisions. To do this, we value integrity above all, openness to all individuals and points of view, diversity in people and approach, excellence in all we do and service.

Five divisions enable the department to carry out its responsibilities: Division of Environmental Quality, Division of State Parks, Division of Geology and Land Survey, Energy Center and Division of Administrative Support. In addition, the State Environmental Improvement and Energy Resources Authority, the Petroleum Storage Tank Insurance Fund and the Missouri Lewis and Clark Bicentennial Commission, are administratively attached to the department through the Office of the Director.

Office of the Director

The Office of the Director provides departmental focus on key outcomes and works to ensure decisions are made that result in real environmental improvements.

The Office of the Director seeks to improve efficiency of departmental actions, drive customer-focused initiatives, ensure public participation in decision-making, and attain results affecting the quality of our water, air, land, energy, recreational and cultural resources. It seeks to continue the protection and enhancement of



STEPHEN MAHFOOD
Director



JEFF STAAKE
Deputy Director



RON KUCERA
Deputy Director

our natural and cultural resources through collaborative, participative approaches.

The Office of the Director coordinates inter-agency and intra-agency cooperative agreements, specific strategies and who represents the state in statutory roles. The office is also the focal point for providing information and assistance to state and national legislative bodies and the oversight of issues of state and national import.

The director of the Department of Natural Resources manages Missouri's natural, cultural and energy resources. The director serves as the state historic preservation officer, as chair of the State Inter-agency Council for Outdoor Recreation and as a member of the Soil and Water Districts Commission. The department director also represents Missouri on three interstate river organizations: Missouri River Basin Commission, Arkansas-White-Red Basins Inter-agency Committee and Upper Mississippi River Basin Commission.

Missouri Lewis and Clark Bicentennial Commission

The Missouri Lewis and Clark Bicentennial Commission is charged with the mission to rekindle spirit of discovery, achievement fostered by original exploration. Pursuant to this



MARTHA BUSCHJOST
Executive Assistant to
the Director



LLONA C. WEISS
Assistant to Director
Boards and Commissions



MELISSA MANDA
Legal Counsel



BRYAN FAWKS
Legislative Liaison

task, the commission is developing and coordinating an effective means for the State of Missouri to observe bicentennial commemoration of the Lewis and Clark Corps of Discovery. The commission promotes the public awareness of the historical significance of the expedition related to the Missouri Territory. In addition, the bicentennial commission is a catalyst for accomplishing Missouri's Lewis and Clark Bicentennial capital improvement projects, programs and special events. The bicentennial projects and events are comprised of public, private and foundation projects.

The executive director of the commission also serves as liaison between the other 14 states participating in the Lewis and Clark Bicentennial. The commission serves as a statewide umbrella for bringing together Missouri's communities, the National Park Service and other federal agencies as well as private groups planning projects and events. The commission reports to the governor in October of each year.

The commission was authorized by Executive Order 98-06, which was signed by Governor Carnahan. The governor appointed 14 members to serve on the commission. The bipartisan members serve a single term that expires at conclusion of commemoration in fall 2006.

Co-chairs:

Jonathan Kemper, Kansas City;
Donald P. Gallop, St. Louis.

**Missouri's Lewis and Clark
Bicentennial Commission Members**

Robert Archibald, Missouri Historical Society,
St. Louis;

Marci Bennett, St. Joseph;

Frederick Drakesmith, St. Charles;

Frank Jacobs, St. Louis;

Debra Lappe, Portage De Sioux;

Sheila Berier-Liese, Chesterfield;

Dr. Gerald Lee, Kansas City;

Ann Rogers, Ph.D., St. Louis;



CONNIE PATTERSON
Director of Communications



WALTER PEARSON
Director
Business and Urban Affairs

Cheryl Thorp, Kansas City;
Dr. Barbara Woods, St. Louis;
Matt Blunt, Secretary of State;
Chris Jennings, Division of Tourism;
Steve Mahfood, Department of Natural Resources;
Jerry Conley, Department of Conservation;
James Goodrich, Ph.D., State Historical Society
of Missouri;
James Crabtree, executive director.

**State Environmental Improvement
and Energy Resources Authority**

Telephone: (573) 751-4919 / FAX: (573) 635-3486

The Environmental Improvement and Energy Resources Authority (EIERA) was established by the Missouri General Assembly to protect Missouri's environment, conduct research, develop energy alternatives and promote economic development.

Service is provided through financing projects with tax-exempt bonds and notes, conducting environmental studies and providing technical assistance. The EIERA's mandate is broad. Assistance can be offered to individuals, businesses, institutions, municipalities and government agencies for energy and environmental projects.



AVIS PARMAN
Chair
EIERA



DAVID A. CHILDERS
Vice Chair
EIERA



JUDITH SUTTER-HINRICHS
Secretary
EIERA



CHARLES BANKS
Treasurer
EIERA

Environmental Improvement and Energy Resources Authority*

Parman, Avis, (D), chair, Albany, Jan. 1998;
Childers, David A., (D), vice chair, Springfield, Jan. 2003;
Sutter-Hinrichs, Judith S., (R), secretary, St. Louis, Jan. 2002;
Banks, Charles, (D), treasurer, Pevely, Jan. 2003;
Vacancy (1);
Welch, Thomas, director, Jefferson City.

*\$25 per diem.

Petroleum Storage Tank Insurance Fund Board of Trustees

The Petroleum Storage Tank Insurance Fund (PSTIF) Board of Trustees was established in 1996 (Section 319.129, RSMo). The board administers the Petroleum Storage Tank Insurance Fund, which insures tank owners against the risks associated with spills and leaks of petroleum products from their tanks or piping. It also provides funding to clean up certain properties where historic tank operations contaminated the environment, restoring those properties to economic viability.

The 11-member board includes the commissioner of administration, the directors of the departments of Agriculture and Natural Resources and eight citizens appointed by the governor with the advice and consent of the Senate for four-year terms. The citizens represent tank owners, financial institutions, industrial and commercial users of petroleum, the insurance industry and the public.

Petroleum Storage Tank Insurance Fund Board of Trustees

Creech, William (Bart) III, chair, Troy, Feb. 6, 2004;
Abernathy, Bob, vice chair, Clinton, Feb. 6, 2005;



THOMAS WELCH
Director
EIERA

Baker, Judith, Columbia, Feb. 6, 2003;
Collins, Gary D., Jefferson City, Feb. 6, 2002;
Ford, James P., Columbia, Feb. 6, 2004;
Gibbons, Neal A. Sr., Kennett, Feb. 6, 2003;
Jackson, Robert (Bob), Kansas City, Feb. 6, 2002;
Hooker, Ron, Jefferson City, Department of Agriculture;
Mahfood, Stephen, Jefferson City, Department of Natural Resources;
McNutt, Donald, Sunset Hills, Feb. 6, 2005;
Murphy, Joyce, Jefferson City, Office of Administration;
Eighmey, Carol R., executive director.

Energy Center

The nonregulatory division, the Energy Center encourages the use of energy-efficient practices and renewable energy resources and technologies to benefit Missouri's environment and economy.

Energy Center employees provide technical and financial assistance for energy-efficiency and renewable-energy improvements, support market research and demonstration projects promoting clean energy sources and technologies, and provide energy data, information and research on energy issues to all Missourians.



WILLIAM (Bart) CREECH III
Chair, Petroleum Storage Tank
Insurance Fund



BOB ABERNATHY
Vice Chair, Petroleum Storage
Tank Insurance Fund



JUDITH BAKER
Trustee, Petroleum Storage Tank
Insurance Fund



GARY D. COLLINS
Trustee, Petroleum Storage Tank
Insurance Fund



JAMES P. FORD
Trustee, Petroleum Storage Tank
Insurance Fund



NEAL A. GIBBONS SR.
Trustee, Petroleum Storage Tank
Insurance Fund



ROBERT (Bob) JACKSON
Trustee, Petroleum Storage Tank
Insurance Fund



RON HOOKER
Trustee, Petroleum Storage Tank
Insurance Fund



STEPHEN MAHFOOD
Trustee, Petroleum Storage Tank
Insurance Fund



JOYCE MURPHY
Trustee, Petroleum Storage Tank
Insurance Fund



CAROL R. EIGHMEY
Executive Director, Petroleum
Storage Tank Insurance Fund

Energy employees work with residential, agricultural, educational, local government and industrial clients to develop energy-efficiency measures that pay back the initial investment within a reasonable time frame. Staff members consult with the office of Administration and other agencies to integrate energy efficiency into state buildings and purchases.

The Energy Center trains other state agencies to acquire more alternative fuel vehicles in compliance with state regulations, and it partners

with the federal Clean Cities programs in Missouri's metropolitan areas to strive for cleaner air and water through alternative transportation fuels and technologies. Center employees also manage the Mid-Missouri rideshare program and connect Missouri commuters to the carpooling program nearest them.

The Energy Center provides financial assistance for energy-efficiency projects and administers the low-income weatherization assistance program, which serves Missouri communities

through 18 local agencies. The program makes more than 2,000 low-income family homes more energy efficient and safe each year by installing measures such as wall and attic insulation, cleaning and tuning heating systems, and reducing air infiltration. The Energy Center's low-cost energy revolving loan fund helps schools and local governments finance energy-efficiency projects so that money saved can be used for other public needs such as textbooks or road repairs.

Financial and administrative personnel provide for the center's fiscal integrity, manage its computer and support services, and administer its financial assistance program.

Energy Center employees also answer questions from the public, produce or gather helpful energy-related documents and speak to citizens one-on-one at events such as the Missouri State Fair and the capital Earth Day celebration. In addition, the center maintains a library and website, which are valuable resources for those who want to conduct research.

Division of Environmental Quality

Telephone: (573) 751-6892 / FAX: (573) 751-9277

Protecting and enhancing the quality of Missouri's environment is the responsibility of the Division of Environmental Quality. The division administers technical environmental programs: air pollution control, environmental services, land reclamation, public drinking water, regional offices, soil and water conservation, solid and hazardous waste management, technical assistance and water pollution control.

The Air Conservation, Clean Water, Hazardous Waste Management, Land Reclamation, Safe Drinking Water and the Soil and Water Districts commissions are the six policymaking bodies assigned to the division. There are two Advisory boards, the Small Business Compliance Advisory Committee and the Solid Waste Advisory Board, that assist the department's Technical Assistance Program and the Solid Waste Management Program, in implementing their respective state laws.

Regional offices

The division's six regional offices and seven satellite offices deal with local environmental matters. Regional offices in St. Louis, Kansas City, Springfield, Poplar Bluff, Macon and Jefferson City provide the Division of Environmental Quality a closer contact with the public through field inspections, complaint investigation, tank monitoring, front-line troubleshooting and technical assistance on environmental emergencies. Regional offices support the air pollution control, water pollution control, public drinking water, solid waste management and hazardous



ANITA RANDOLPH
Director
Energy Center



JOHN YOUNG
Director, Division of
Environmental Quality

waste programs. Each regional office provides surveillance, technical assistance, and compliance monitoring to assist the division in enforcement. The division's satellite offices are located in Branson, Festus, LaGrange, Neosho, Osage Beach, Sullivan and Troy.

Air pollution control program

Missouri's air pollution control program carries out the policies established by the Air Conservation Commission.

The commission, through a program involving four delegated local governments and citizen input, develops strategies for bringing pollutants down to safe levels in those areas with excessive pollutants.

To maintain clean air in the state, the air pollution control program surveys and inspects sources of air pollution. If a source consistently violates the state's air pollution control regulations, it is subject to enforcement action. The commission can grant variances, however, to individual operations when a strict application of the regulations would cause an unreasonable hardship without public benefit.

The air pollution control program also evaluates industries wanting to locate in Missouri, predicting their emissions and their impact on the state's air quality and requiring restrictions on emissions where necessary.

Air Conservation Commission

Foresman, Michael, (R), chair, St. Louis, Oct. 13, 2003;

Beard, Harriett, (R), vice chair, Kirksville, Oct. 13, 2002;

Beller, Frank, (D), Linn, Oct. 13, 2001;

Brown, Ernie, (D), Bridgeton, Oct. 13, 2004;

Collins, Joanne, (R), Kansas City, Oct. 13, 2004;

Farmer, Andrew, (D), Willard, Oct. 13, 2001;

Kayes, Barry, (D), St. Louis, Oct. 13, 2001;

Randolph, Roger D., staff director.



MICHAEL FORESMAN
Chair
Air Conservation Commission



HARRIETT BEARD
Vice Chair
Air Conservation Commission



FRANK BELLER
Member
Air Conservation Commission



ERNIE BROWN
Member
Air Conservation Commission



JOANNE COLLINS
Member
Air Conservation Commission



ANDREW FARMER
Member
Air Conservation Commission



BARRY KAYES
Member
Air Conservation Commission



ROGER D. RANDOLPH
Staff Director
Air Conservation Commission

Environmental services program

The environmental services program provides monitoring, sample collection and analytical services to the division's environmental control programs. In addition, the program receives notifications of environmental emergencies, provides technical assistance for incidents involving hazardous chemicals and investigates contaminated sites.

The staff operates air monitoring instruments at 30 locations throughout the state, performs air quality studies, and uploads air quality data to the Internet for public access. Water samples are collected from landfill wells, wastewater treatment plants and industrial facilities that discharge into Missouri waterways. Various tests are performed to determine how the discharges affect Missouri streams. Samples are collected at both abandoned hazardous waste sites and at facilities that are actively engaged in treating, storing or disposing of hazardous wastes. More than 125,000 total analyses are performed each year in the analytical laboratory on air, water and soil samples. This includes 100,000 analyses on drinking water from public water supplies across the state.

Calls about environmental emergencies, including oil and chemical spills, are reported to

staff on an environmental emergency telephone hotline 24 hours a day, seven days a week at (573) 634-2436. Callers can receive advice and assistance. Staff can be dispatched to oversee cleanup, sampling or other emergency activities. Staff also assists with management and disposal of hazardous chemicals from clandestine drug labs.

Hazardous Waste Management Program

The hazardous waste program carries out the policies of the Missouri Hazardous Waste Management Commission. The commission establishes regulations for the generation, transportation, treatment, storage, clean up and disposal of hazardous waste and hazardous substances. The commission also hears appeals of decisions made by the department director and rules on requests for variances from hazardous waste management and hazardous substance regulations.

The hazardous waste program protects public health and the environment by keeping Missouri's water, soil and air from being polluted with hazardous wastes and hazardous substances. In addition to enforcing the state laws passed to ensure proper management of hazardous wastes being generated today, the pro-



BEN KESSLER
Chair/Public Member
Hazardous Waste Management
Commission



WARREN C. DAVIS JR.
Member, Hazardous Waste
Management Commission



PATRICK GLEASON
Member, Hazardous Waste
Management Commission



MAXINE LIPELAS
Public Member, Hazardous
Waste Management Commission



RACHEL LOCKE
Public Member, Hazardous
Waste Management Commission



TIMOTHY J. WARREN
Public Member, Hazardous
Waste Management Commission



SUSAN WILLIAMSON
Agriculture Member, Hazardous
Waste Management Commission



CINDY KEMPER
Staff Director, Hazardous Waste
Management Commission

gram also oversees the state's remedial fund for cleanup of problem sites resulting from poor waste management.

The hazardous waste program reviews applications for permits for facilities that treat, store and dispose of hazardous waste to ensure that these facilities conform to environmental laws and regulations. The program also licenses hazardous waste transporters that meet state requirements.

The program's enforcement staff helps the regional offices inspect generators and treatment, storage and disposal facilities and takes appropriate action to ensure a timely return to compliance for those generators or facilities that are out of compliance.

The program oversees cleanup activities at 45 federal facilities in Missouri. These facilities are either U.S. Department of Energy or U.S. Department of Defense sites that require remediation of hazardous or radioactive wastes that were disposed of prior to the current laws and regulations. The program also has several field offices, which allow Department of Natural Resources staff to have on site presence during federal facility cleanups.

The program evaluates and remediates federal National Priorities List (NPL) sites, non-NPL sites and sites on or proposed for the Registry of Abandoned or Uncontrolled Sites in Missouri. The program has primary responsibility for 100 of the 142 active hazardous waste substances sites in Missouri including six of 25 National Priority List sites.

The program promotes voluntary cleanups by allowing landowners to pay voluntarily for state oversight of hazardous substance cleanups. Upon satisfactory cleanup, the department will issue a letter of completed remediation, which will facilitate the transfer of real estate.

The hazardous waste program has oversight of underground storage tanks and leaking underground storage tanks. The program oversees regulations governing the construction, installation, operation and closure of underground storage tanks and is also responsible for the investigation and remediation of all leaking petroleum underground storage tank sites.

The hazardous waste program is responsible for cleaning up contaminated dry cleaner sites using a fund capitalized with fees paid by the dry cleaning industry.



TED A. SMITH
Chair
Land Reclamation Commission



JAMES M. DiPARDO
Vice Chair
Land Reclamation Commission



JERRY M. CONLEY
Member
Land Reclamation Commission



MIMI GARSTANG
Member
Land Reclamation Commission



HUGH C. JENKINS
Member
Land Reclamation Commission



SCOTT B. TOTTON
Interim Member
Land Reclamation Commission



CAROL M. WICKS
Member
Land Reclamation Commission



LARRY P. COEN
Staff Director
Land Reclamation Commission

Hazardous Waste Management Commission

Kessler, Ben, (R), chair/public member, Creve Coeur, April 3, 2005;

Davis, Warren C. Jr., (D), hazardous waste management industry member, Kansas City, April 3, 2004;

Gleason, Patrick, (R), hazardous waste generating industry member, Webster Groves, April 3, 2001;

Lipeles, Maxine, (D), public member, Clayton, April 27, 2005;

Locke, Rachel, (D), public member, St. Louis, April 3, 2001;

Warren, Timothy J., (R), public member, Wildwood, April 3, 2003;

Williamson, Susan, (D), agriculture member, Columbia, April 3, 2004;

Kemper, Cindy, staff director, hazardous waste management commission.

Land Reclamation Program and Commission

The Missouri Land Reclamation Commission is the ruling body over Missouri's mining issues set forth in three separate state statutes. These

mining statutes protect public health, safety and the environment from the adverse effect of mining and assure the beneficial restoration of mined lands. The seven-member commission includes three statutory and four public members. The statutory members are the state geologist, the director of the Missouri Department of Conservation and the staff director of the Clean Water Commission. With Senate approval, the governor appoints four public members. Only one member of the commission may have a direct link with the mining industry. The Department of Natural Resources' Land Reclamation Program carries out the policies of the Missouri Land Reclamation Commission and provides the staffing necessary to regulate the state's mining industry.

The Land Reclamation Commission and program are responsible for the issuance of strip mining permits related to the mining of coal, limestone, sand, gravel, clay, tar sands, barite, sandstone, granite and traprock. As part of the permitting process mining companies must provide financial assurances to the Land Reclamation Program that provide for reclamation should the company not be able to complete this activity. After the mining company completes all required reclamation, the commission releases these financial assurances and relieves the com-



JOHN THOMAS WITHERSPOON
Chair, Safe Drinking
Water Commission



WILLIAM P. DARBY
Vice Chair, Safe Drinking
Water Commission



H. DWIGHT DOUGLAS
Member, Safe Drinking
Water Commission



CHESTER C. DUDLEY
Member, Safe Drinking
Water Commission



ROGER M. FOLK
Member, Safe Drinking
Water Commission



ELIZABETH GROVE
Member, Safe Drinking
Water Commission



SUSAN ELIZABETH HAZELWOOD
Member, Safe Drinking
Water Commission



CHARLI JO LEDGERWOOD
Member, Safe Drinking
Water Commission

panies of any further reclamation liabilities. The commission decides when public hearings are necessary. Hearings may be granted with respect to a proposed mining permit or when enforcement of a mining permit becomes necessary.

The commission also oversees Missouri's Abandoned Mine Land program. This program provides for the reclamation of abandoned coal mine sites within Missouri that include safety hazards such as steep and unstable highwalls and embankments, open mine shafts, abandoned mining equipment and facilities, dangerous impoundments, unsanitary trash dumps and subsidence. Eligible environmental problems consist of acid mine drainage and sedimentation that pollute and clog streams. Finally, Missouri's abandoned mine land emergency program allows the Land Reclamation Program to abate or control emergency situations in which adverse effects of past coal mining pose an immediate danger to the public.

Land Reclamation Commission

Smith, Ted A., (R), chair, Springfield, Sept. 28, 2003;

DiPardo, James M., (D), vice chair, St. James, Sept. 28, 2001;



KATIE WESSELSCHMIDT
Member, Safe Drinking
Water Commission



JERRY LANE
Staff Director, Safe Drinking
Water Commission

Conley, Jerry M., Jefferson City, director, Missouri Department of Conservation;

Garstang, Mimi, state geologist, Rolla;

Jenkins, Hugh C., (D), member, Butler, Sept. 28, 2001;

Totten, Scott B., interim staff director, Clean Water Commission, Jefferson City;

Wicks, Carol M., (R), member, Columbia, Sept. 28, 2003;

Coen, Larry P., staff director, Land Reclamation Commission, Jefferson City.