Maryland Department of Environment

ORGANIZATIONAL GUIDE

To protect and restore the environment for the health and well-being of all Marylanders.







Wes Moore, Governor
Aruna Miller, Lieutenant Governor
Serena McIlwain, Secretary

Visit Our Website
www.mde.maryland.gov

Agency Overview

The Maryland Department of the Environment (MDE) is the primary regulatory agency for the state charged with protecting and restoring the environment for the health and well-being of all Marylanders.

With a staff of about 900 employees, the department's offices include our headquarters in Baltimore City and five regional offices in Annapolis, Cambridge, Frostburg, Hagerstown and Salisbury. Primary services include permitting, licensing and inspections of regulated facilities, financial assistance, oversight of environmental cleanups, technical assistance for compliance and pollution prevention, public education and outreach, and emergency response.

Our workforce includes field inspectors, permit writers, engineers, geologists, and scientists, as well as administrative, clerical, management, information technology and financial personnel, planners, attorneys, and other professionals.

It is very important that we achieve environmental goals while making Maryland more competitive, which means being efficient and modern, training a workforce to fit the green economy, providing excellent customer service and building strong partnerships with our communities.
Serena C. McIlwain, appointed as Maryland's Secretary of the Environment in 2023, has articulated the following priorities for the agency:

Fighting Climate Change: We are committed to achieving Maryland's ambitious climate objectives, including creating 27,000 green jobs and reducing greenhouse gas emissions.

Advancing Clean Energy and Innovation: We are committed to clean energy solutions, driving innovation, creating jobs, and promoting healthier communities.

Restoring the Chesapeake Bay : We are committed to a cleaner Chesapeake Bay, using technology, sustainability, science and resources to reduce pollution.

Environmental Justice: We are committed to equitable environmental protection, ensuring that all communities, especially vulnerable populations, benefit from environmental policies.

Regulatory Enforcement and Compliance: We are committed to enforcement of environmental laws and regulations and maintaining high compliance standards.

Public Engagement and Education: We are committed to engaging with the public, raising awareness, and fostering partnerships to collectively address environmental challenges.

Office of the Secretary

Serena McIlwain, Secretary (410) 537-3084
Suzanne Dorsey, Deputy Secretary (410) 537-3471
Adam Ortiz, Deputy Secretary (410) 537-3471
Aneca Atkinson, Assistant Secretary (410) 537-3084
Zachary Schafer, Assistant Secretary (410) 537-3084

Function	Director	Phone
Audit	Cierra Neville	(410) 537-3062
Communications	David Abrams	(410) 537-3003
Emergency Response	Geoff Donahue	(410) 537-4460
Equal Employment Opportunity	Assata Peterson	(410) 537-3152
Environmental Justice	Aneca Atkinson	(410) 537-3085
Legislative Officer	Jeremy Baker	(410) 537-3165
Climate Program	Rachel Lamb	(410) 537-3636

Operational Structure

Serena McIlwain
Secretary

Suzanne Dorsey
Deputy Secretary

Adam Ortiz
Deputy Secretary

Aneca Atkinson
Assistant Secretary

Zachary Schafer
Assistant Secretary

Andrea Baker
Principal Counsel

Jeremy Baker
Legislative Officer

David Abrams
Communications

Geoff Donahue
Emergency Response

Cierra Neville
Internal Audits Director

Assata Peterson
Equal Employment Director

Jason Freihage

Acting Director
Business
Administration

- Fiscal Operations
- Customer Service
- Info Technology
- Procurement
- Human Resources
- Fleet

Chris Hoagland

Director
Air & Radiation
Administration

- Climate Change
- Air Monitoring
- Air Complaince
- Air Permits
- Radiological Health
- Mobile Sources

Lee Currey

Director
Water & Sciences
Administration

- Water supply
- Compliance
- Wastewater
- Stormwater
- Field Investigation
- Engineering

Stephanie Cobb-Williams

Director
Land & Materials
Administration

- Solid Waste
- Land Restoration
- Mining
- Lead Poisoning
- Oil Control
- Resource Mgmt

Business Administration

Jason Freihage, Acting Director: (410) 537-3138

Mission:

To support deliver high-quality customer service and administrative, employee, and financial services. These include accounting, payroll, grant and loan management, human resources, purchasing, facility upkeep, and health and safety programs.
Key Responsibilities:

- Manage the department's finances, including the capital and operating budgets, bookkeeping, payroll, employee time tracking, paying bills, handling incoming payments, travel expenses, and financial reporting for grants and projects.

- Oversee information technology, purchasing, fleet management, receiving, supplies, mail, and inventory for the department. This includes working with employees, vendors, minority-owned businesses, and other state agencies.

- Handle facility management and ensure the department follows health and safety regulations for employees.

- Monitor the budget and expenses for the Secretary’s office, Coordinating Offices, and Operational Services Administration.

- Plan and manage the yearly operating budget for the Operational Services Administration.

- Provide human resources services, such as hiring, job classification, employee benefits, records management, performance evaluations, and workplace relations.

Office of Business Administration

Jason Freihage
Acting Director
(410) 537-3138

Oge Nwafor
Budget Director
(410) 537-3164

- Accounting and budgeting
- Accounts payable
- Grants and funds management
- Payroll and timekeeping
- Travel and employee reimbursement

Brigette Crawford
Human Resources
(410) 537-3100

- Recruitment
- Classification and Compensation
- Employee relations
- Training and development
- Benefits administration
- Workforce planning

Vacant
Central Services
(410) 537-4482

- Fleet management
- Recieving, records and inventory
- Health and safety services
- Facilities management
- Records management
- Mail and copy center

Adriana Caldarelli
Water Infrastructure Financing Director
(410) 537-3076

- Bay Restoration Fund
- State revolving loan fund
- Technical assistance
- Infrastructure financing

Maria Cazabon
Procurement
(410) 537-3076

- Purchasing and contracts
- Service contracts
- Minority and women owned business
- Risk management
- Procurement compliance
- Cost management

Air & Radiation Administration

Chris Hoagland: (410) 537-3255
Megan Ulrich, Deputy Director: (443) 800-3592

Mission:

To improve air quality and manage radiation sources to protect the health of Maryland's people and environment. At the same time, we aim to support local communities and economic growth.

What We Do:

- Monitor air quality across Maryland using a statewide system of air sensors to measure pollution levels continuously.
- Share information with the public about air quality and pollution issues affecting both local areas and the region.
- Help businesses understand and comply with state and federal laws about air quality and radiation safety.
- Develop strategies to reduce greenhouse gas emissions statewide and transition to cleaner energy sources.
- Promote initiatives to increase energy efficiency and adopt renewable energy in homes, businesses, and government operations.
- Partner with communities to support climate resilience, helping prepare for and adapt to the effects of a changing climate, such as rising temperatures and stronger storms.
- Investigate and address complaints about air pollution and radiation from Maryland residents. Regularly inspect equipment that releases emissions or radiation, and take action against violations of the law.
- Review applications for permits and licenses related to activities involving radiation or air emissions, ensuring safety and providing opportunities for public input.
- Reduce pollution from vehicles through inspections, promoting cleaner fuels and vehicles, and educating drivers about maintenance to lower emissions.
- Provide training and certification for workers who handle asbestos and offer technical advice to state agencies, schools, and health departments on safe asbestos management.

Air & Radiation Administration

Chris Hoagland
Director
(410) 537-3255

Megan Ulrich
Deputy Director
(443) 800-3592

Gabrielle Leach
Assistant Director
(410) 453-3235

Suna Sariscak
Air Quality Permits
(410) 537-4129

- Public engagement
- Technical support
- Combustion and metallurgical
- Chemical and minteral

Ryan Auvil
Air Monitoring
410-537-3961

- Ambient air monitoring
- Air quality measurement, modeling and analysis
- Data management and quality

Steven Lang
Air Compliance
(410) 537-7437

- Technical assistance
- Industrial compliance
- Field services
- Asbestos accreditation, licensing and enforcement

Marcia Ways
Mobile Sources
(410) 537-3270

- Electric Vehicle Grants
- Engineering and Technology Assessment
- Inspections and Maintenance
- Certification and Auditing

Roger Thunell
Air Quality Planning
(410) 537-4125

- Climate change
- Regulation and development
- Air quality policy and planning
- Regional greenhouse gas initiative

Mark Stewart
Climate Change
(410) 537-3291

- Policy and planning
- Public outreach and engagement
- Greenhouse gas emissions reduction
- Building standards

Eva Nair
Radiological Health
(410) 537-3300

- X-ray and radiological machine licensing
- Regulations and radiation exposure strategy

Land & Materials Administration

Stephanie Cobb-Williams, Director: (410) 537-3424
Justin H. Hayes, Assistant Director: (410) 537-3431

Mission:

To protect public health and the environment by cleaning up polluted sites and responsibly managing materials to restore and preserve Maryland's land and water.

What We Do:

- Oversee permits and inspect over 30,000 locations in Maryland to ensure safe handling of materials such as solid waste, hazardous waste, sewage sludge, petroleum products, medical waste, and scrap tires.
- Clean up sites where underground storage tanks have leaked, and enforce rules for installing and maintaining tanks at over 12,000 locations.
- Manage a program that investigates and cleans up hazardous waste sites, including federal facilities, to protect the environment and public health.
- Encourage the cleanup and redevelopment of abandoned industrial and commercial properties through a voluntary program.
- Enforce lead paint safety laws, investigate cases of lead poisoning, maintain a registry for tracking lead exposure in children, and work to prevent future lead poisoning.
- Assess Maryland’s needs for waste disposal and recycling, promote long-term waste management solutions, and support local governments through training and outreach.
- Provide information to businesses and organizations about ways to prevent pollution and include these strategies in inspections and permits.
- Oversee permits for farms with large numbers of animals, monitor their compliance with environmental rules, and enforce regulations when necessary.
- Issue permits for mining and gas wells, ensure compliance with safety and environmental rules, restore disturbed lands, and address problems like acidic drainage from abandoned mines.

Land & Materials Administration

Stephanie Cobb-Williams
Director
(410) 537-3424

Justin Hayes
Assistant Director
(410) 537-3431

Bradley Baker
Resource Management
(410) 537-3314

- Animal feeding operations
- Biosolids
- Waste diversion and recycling
- Scrap tire abatement
- Hazardous waste permits

Seun Akinlotan
Solid Waste
410-537-3318

- Solid waste permits and compliance
- Hazardous waste compliance

Frederick Banks
Lead Poisoning Prevention
(410) 537-3825

- Compliance and accreditation
- Surveillance
- Public outreach
- Reporting and policy

Arno Laud
Oil Control
(410) 537-3470

- Underground storage tank remediation
- Storage tank facility permits
- Operations and discharge permits

Molly Michaelson
Mining
(410) 537-3557

- Abandoned mines
- Coal mines
- Mineral mining
- Oil & gas drilling and mining

Barbara Krupiarz
Land Restoration
(410) 537-3437

- Federal installations restoration
- National priorities list and site assessment
- Controlled hazardous substance
- Voluntary cleanup

Water & Sciences Administration

Lee Currey, Director: (410) 537-3567
Matthew Rowe, Deputy Director: (410) 537-3578

Mission:

To manage water resources and ensure safe and sustainable water for people, ecosystems, agriculture, and industry. The team of engineers, scientists, and resource professionals enforces water laws, monitors water quality, and responds to pollution incidents to protect public health and the environment.

Functions:

- Inspect and oversee wastewater discharges, agriculture, stormwater systems, and major water and sewer facilities to ensure compliance with environmental standards.
- Work with communities and organizations to restore Chesapeake Bay's water quality, focusing on reducing pollution and improving aquatic health.
- Issue permits to control industrial and municipal wastewater discharges into surface and groundwater.
- Protect and restore wetlands, streams, and waterways through permits, certifications, and collaboration with local governments.
- Conduct dam safety inspections, review applications for new dams or modifications, and develop emergency plans for high-risk dams.
- Monitor and enforce safe drinking water standards, perform water system inspections, and reduce risks of waterborne diseases.
- Assist local governments in protecting water sources through wellhead and watershed protection programs.
- Promote sustainable water use and conservation, considering climate impacts and innovations like water reuse.
- Train and certify water and wastewater treatment operators and provide technical support for facilities.
- Identify and manage water quality issues by developing pollution limits and protecting high-quality waters across the state.

Water & Sciences Administration

Lee Currey
Director
(410) 537-3567

Matt Rowe
Deputy Director
(410) 537-3578

Les Knapp
Deputy Director
(410) 537-3744

Vacant
Water Supply
(410) 537-3702

- Engineering and technical assistance
- Safe drinking water
- Source protection
- Well drilling

Naomi Howell
Wastewater Permits
(410) 537-3599

- Discharge permits
- Municipal permits
- Biomonitoring and pretreatment
- Well & septic
- Groundwater permits

William Beatty
Field Services
(410) 482-2702

- Compliance, water quality and drinking water monitoring
- Nutrient and shellfish monitoring
- Technical studies

Andrew Gosden
Compliance
(410) 537-4158

- Enforcement
- Inspections
- Water resource planning

Dinorah Dalmasy
Nutrient Control
(410) 537-3902

- Watershed & water quality monitoring
- Waste load modeling
- TMDL coordination, technical reports and field monitoring

Heather Nelson
Wetlands & Waterways
(410) 537-3528

- Wetlands and waterways
- Regulatory services
- Waterway construction
- Marine contractor licensing

Jennifer Smith
Sediment & Stormwater
(410) 537-3543

- Dam safety
- Sediment & stormwater plans
- Federal, state and local program review

Vacant
Assessment & Standards
410) 537-3965

- Beaches
- Fish kills and algae blooms
- Federal facilities
- Dredging
- Toxicology
- Shellfish