

**WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION
FISCAL YEAR 2024 ANNUAL REPORT**



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Protecting, Restoring and Supporting Roles in Promoting a Healthy Environment

The West Virginia Department of Environmental Protection's mission is to promote a healthy environment. To do this, the agency must protect the environment while leaving room for a sustainable industry base. Such a task requires careful balance. Its major divisions – protecting air, land, and water – plus an office regulating the oil and gas industry, must be circumspect and fair in regulating industry, permitting extraction of natural resources and protecting the public from potential pollution hazards.



west virginia department of environmental protection

TABLE OF CONTENTS

Protecting the Environment

Division of Air Quality
Division of Mining & Reclamation
Office of Oil & Gas
Division of Water & Waste Management

Restoring the Environment

Division of Land Restoration
Office of Environmental Remediation
Abandoned Mine Lands & Reclamation
Office of Special Reclamation

Supporting Office

Office of the Environmental Advocate
Rehabilitation Environmental Action Plan
Business Operations Office
Public Information Office

Boards & Commissions

Financial Appendices



west virginia department of environmental protection

DIVISION OF AIR QUALITY

The Division of Air Quality (DAQ) develops and implements regulations and related programs mandated by the federal Clean Air Act (CAA) and the state Air Pollution Control Act. It works for the protection of public health and the prevention or mitigation of environmental impacts resulting from air pollutant emissions. DAQ monitors air quality and regulates emissions of air pollutants from industrial and commercial facilities.

During FY24, DAQ accomplished:

Air Monitoring

- Operated 15 air monitoring sites across the state, including two air toxic sites, two fine particulate matter speciation sites, a multipollutant NCore site, and a radiation network monitor, on behalf of EPA's National Radiation Monitoring Program.
- Collected and processed more than 2,000 PM_{2.5} (particulate matter less than 2.5 micrometers in diameter) and PM₁₀ (particulate matter less than 10 micrometers in diameter) filter samples.
- Received \$469,473 grant from the U.S. Environmental Protection Agency, which partially funded fine particulate matter (PM) monitoring, replacement monitor purchases, laboratory, and data handling activities.
- Performed approximately 250 air toxics particulate metals analyses for sites in West Virginia, in addition to the National Air Toxics Trends Sites in Washington, D.C. and Pittsburgh, PA; as well as sites in Philadelphia, PA., and Delaware.
- Received \$40,000 grant from EPA to partially support operation of an Inductively Coupled Plasma Mass Spectrometer (ICP-MS) to conduct air toxics metals analysis of particulate samples.
- Note, the air toxics particulate metals analyses laboratory operations ceased in March 2024.

Compliance and Enforcement

- Conducted 551 full compliance inspections of air pollution sources, 76 of which were major sources of air pollution and 59 were synthetic minors.
- Conducted 306 partial evaluations and 112 optical gas imaging inspections of air pollution sources.
- Reviewed 1,279 self-monitoring reports from air pollution sources.

- Investigated 701 citizen complaints.
- Inspected 60 asbestos demolition/renovation projects.
- Reviewed 400 stack test reports, relative accuracy test audits and opacity tests.
- Reviewed and approved 477 stack, relative accuracy audit, and opacity test protocols.
- Observed 109 stack and relative accuracy audit tests.
- Received and reviewed 195 Title V annual certification reports.
- Issued 25 notices of violation.
- Negotiated 20 consent orders to settle violations.
- Collected \$773,750.65 as a result of the consent orders.

Education and Outreach

From July 1, 2023 to June 30, 2024, the DAQ Outreach Team participated in 25 events across eleven counties in West Virginia where staff spoke to over 4,265 visitors. The Division created social media posts during Air Quality Awareness Week, in May, to educate and share practical ideas that individuals in the community can use to help reduce air pollution, focusing on a different theme each day. Additionally, DAQ put up the Energy Tree, an interactive light display demonstrating the energy savings from switching from incandescent lights to LED lights, at the WVDEP office in Kanawha City in December.

Small Business Assistance Program (SBAP)

- The Division of Air Quality's Small Business Assistance Program (SBAP) provided assistance to 147 small businesses (83 in depth, with 56 site visits).
- The SBAP created a new version of the used oil posters that are being distributed to oil changing stations, Wal-Marts, etc.

Hazardous and Solid Waste Air Program (HSWAP)

- Conducted 33 RCRA Air compliance site inspections at hazardous waste large quantity and treatment, storage and disposal facilities and 5 used and waste oil burner source inspections.
- Assisted in the development/update of the 2023-24 DAQ air rules 45CSR25, 45CSR18 and 45CSR34.
- Submitted to EPA the required grant reports on the Resource Conservation and Recovery Act (RCRA) and the CAA 111(d)/129 programs.
- Assisted the Division of Water and Waste Management on revisions to the West Virginia RCRA Hazardous Waste State Authorization Program for combustion, thermal treatment, and subparts AA, BB, and CC.
- Worked on ongoing CAA 111(d)/129 plan revisions for commercial industrial solid waste incinerators, landfills for EPA approval.
- Worked on rule changes to 45CSR23 for Municipal Solid Waste Landfills and assisted with the submission of a corresponding State Plan.
- Conducted four stack test observations.

Permitting

Title V Program:

- Issued 76 permit revisions, including five administrative amendments, 66 minor modifications, and five significant modifications.
- Issued 28 renewal permits.
- Issued five initial permits.
- Held three public meetings and three public hearings.

New Source Review Program:

- Issued 94 Rule 13 construction/modification permits.
- Issued two temporary permits.
- Issued one relocation permit.
- Issued 101 administrative updates to existing permits.
- Issued 120 general permit registrations and reviewed 133 Alternative Operating Scenarios and 425 Annual Certifications.
- Rendered 65 decisions on permit determinations.
- Completed 13 withdrawal requests.
- Held eight public meetings.



DIVISION OF MINING & RECLAMATION

The Division of Mining and Reclamation (DMR) safeguards the environment during coal mining. Its mission is to assure compliance with the West Virginia Surface Mining and Reclamation Act and other applicable state laws and rules by means of effective and high quality reclamation of mining sites, an efficient permitting program, and constructive communications between the public and regulated industry.

During FY 2024, DMR accomplished:

Permitting

Article 3 – Coal Mining

- Received 10 applications for new coal mining permits.
- Approved 7 applications for new coal mining permits, for a total of 2,312.47 acres.
 - Surface coal mining permits, for 2,292.97 acres.
 - Underground coal mining permits, for 0 acres.
 - Other coal related facilities permits, for 19.50 acres.
- Approved 1 permit amendments, for 8.14 acres.
- Approved 45 notices of intent to prospect.
- Approved 109 permit renewals.
- Approved 89 incidental boundary permit revisions, for -1,263.44 acres.
- Approved 344 permit revisions.
- Approved 57 incremental bonding applications.
- Approved 36 operator assignments.
- Approved 15 permit transfers.
- Approved 7 dam certificates.
- Approved 76 emergency warning plans.
- Processed 328 withdraws, denials or terminations of applications.

Article 4 – Minerals other than Coal

- Approved 2 applications for new quarry permits for 73.93 acres.
- Approved 12 applications for quarry modifications.
- Approved 53 quarry annual bonding applications.

Article 11 – NPDES related to mining

- Approved 19 applications for new NPDES permits.
- Approved 272 permit reissuances.
- Approved 172 permit modifications.
- Approved 26 permit transfers.
- Processed 4,644 electronic discharge monitoring reports (eDMRs).
- Approved 22 NPDES permits for release.
- Processed 27 withdraws, denial or terminations of applications.



Inspection and Enforcement

- Conducted 24,205 inspections (18,619 Art. 3 and 5,586 Art. 11)
- Met mine inspection frequency 99.98% percent of the time.
- Approved 4 permits for Phase 1 release, for a total of 304.73 acres
- Approved 2 permits for Phase 2 release for a total of 204.38 acres.
- Approved 16 permits for Phase 3 (final) release for a total of 1,140.94 acres released back to landowners.
- Approved 66 incremental Phase 1 releases for a total of 7,115.97 acres.
- Approved 17 incremental Phase 2 releases for a total of 1,167.35 acres.
- Approved 48 incremental Phase 3 releases for a total of 2,934.47 acres.
- Approved 26 Prospect releases.
- 43 Approved Planting Plan releases.
- 54 Approved inactive status requests.
- Issued 2,100 notices of violations (1,707 Art. 3 and 393 Art. 11)
- Issued 715 cessation orders.
- Processed 3,165 electronic certifications (eCerts).
- Processed 647 pre-subsidence surveys.
- Responded to Citizen Complaints within 48 hours 99% percent of the time.
- Investigated 377 complaints.
- Held 81 assessment conferences.
- Revoked 5 permits.

Blasting and Explosives

- Accepted 319 Pre-Blast Surveys
- Renewed 7 surveyors.
- Received and processed 24 blasting damage claims.
- Received 14 blasting complaints not alleging damage.
- Gave 165 blasting exams.
- Approved 31 initial blasters.
- Approved 48 blaster renewals.
- Approved 1 reciprocity blaster.



OFFICE OF OIL & GAS

The Office of Oil and Gas (OOG) monitors all actions related to the exploration, drilling, storage, and production of oil and natural gas. OOG tracks approximately 58,000 active oil and gas wells, manages abandoned well plugging and reclamation programs, and ensures surface/ground water protection.

During FY24, OOG accomplished:

- Reviewed, processed, and issued 592 well work permits; 201 of these were new horizontal wells and 378 were plugging permits.
- Conducted 11,688 site inspections.
- Processed 114 complaints.
- Responded to 37 emergencies/spills.
- Issued 76 notices of violation.
- Completed all well plugging activities funded by the U.S. Department of Interior Initial grant (\$25,000,000) by plugging and/or reclaiming 124 orphaned, abandoned wells/well sites.
- Was awarded two grants totaling \$33,198,159 from the U.S. Department of the Interior to plug orphaned, abandoned wells.
- Was awarded one \$37,791,464 grant from the U.S. Department of Energy to plug certain marginal conventional wells.
- Plugged and/or reclaimed 22 abandoned wells/well sites using state funds.
- Expended approximately \$2,603,902 from the Oil and Gas Reclamation Fund and the Oil and Gas Abandoned Well Plugging Fund.
- Completed 490 abandoned well inspections.



- Performed 144 underground injection control (UIC) inspections.
- Reviewed and approved 36 UIC mechanical integrity tests. 100 percent of these were witnessed by OOG staff.

The Shallow Gas Well Review Board hears and rules on objections from coal owners, lessees and operators, regarding the location of proposed shallow gas well drilling sites. It generally administers the requirements of WV Code Chapter 22C, Article 8. It held no hearings in FY2024.

The Coalbed Methane Review Board hears and rules on actions associated with the drilling and production of coalbed methane wells. It generally administers the requirements of WV Code Chapter 22, Article 21. It held no hearings in FY2024.



DIVISION OF WATER & WASTE MANAGEMENT

The Division of Water and Waste Management (DWWM) strives to meet its mission through implementation of programs controlling surface and groundwater pollution caused by industrial and municipal discharges, as well as oversight of construction, operation, and closure of hazardous, solid waste, aboveground and underground storage tank sites.

In addition, the division works to protect, restore, and enhance West Virginia's watersheds through comprehensive watershed assessments, groundwater monitoring, wetlands preservation, inspection and enforcement of hazardous and solid waste disposal, and proper operation of storage tanks.

During FY24, DWWM accomplished:

Environmental Enforcement

Dam Safety

- Conducted 279 dam safety inspections, including 216 high hazard dam assessments.
- Conducted 57 construction inspections.
- Reviewed 209 monitoring and emergency action plans.
- Investigated 12 citizen complaints.
- Oversaw the completion of two construction projects and continued oversight on six additional dams still under construction.



Hazardous Waste

- Inspected 381 hazardous waste-related facilities.
- Responded to 11 emergency response situations.
- Investigated 26 citizen complaints.

Underground & Aboveground Storage Tanks

- Conducted 59 closure and installation inspections.
- Completed 1,746 compliance monitoring inspections.
- Investigated 16 citizen complaints.

Leaking Underground & Aboveground Storage Tanks

- Investigation and cleanup of 86 new leaking underground/aboveground storage tank sites.
- Completed investigation and closed the active files on 97 leaking underground/aboveground storage tanks.

Water and Waste

- Conducted 2,572 inspections of solid waste and water pollution control facilities.
- Responded to 1,702 citizen complaints.
- Conducted 817 spill responses.



DIVISION OF WATER & WASTE MANAGEMENT

Permitting

- Issued 11 major and 81 minor individual permits,
- Issued 40 permit modifications to industrial and municipal facilities.
- Issued 1093 (463 general permit registrations and 630 stormwater), and 530 modifications (162 general registration and 368 stormwater) for a variety of facilities and activities.

Groundwater/UIC Program

- Issued 36 underground injection control permits, and 7 modifications.
- Transferred 2 permits, 16 rule authorizations and inspected 237 underground injection control facilities.
- Reviewed and approved 287 Groundwater Protection Plans and 1272 Monitoring Well reports.
- Certified 192 Monitoring Well Drillers.
- Worked on 28 remediation projects with 2 NFA approval.

Solid Waste

- Issued 25 permits (16 municipal solid waste landfill and 10 major permit modifications, 9 Class F Industrial Solid Waste Permits and 18 Class D Construction/Demolition Landfill registrations).
- Issued 3 Recycling permit, 3 Waste tire disposal facility permit and 4 Staging Area Approvals.
- Issued 575 minor permit modifications.

Hazardous Waste Operating Permits

- Issued 3 Hazardous Waste Resource Conservation Recovery Act permit.

Clean Water State Revolving Fund

- Disbursed approximately \$45.9 million to communities for municipal sewer projects under construction; disbursed \$198,494 to the onsite system loan program; closed new loans on an additional 21 municipal construction projects worth approximately \$72 million; and have already issued 42 binding commitment letters and/or loan agreements for additional projects, worth \$187.2 million.
- Approved 34 sets of plans and specifications; reviewed 69 Infrastructure and Jobs Development Council applications; and funded 20 new onsite systems through the Onsite Systems Loan Program.

Drinking Water Treatment Revolving Fund

- Disbursed approximately \$20.8 million to communities for drinking water projects under construction; closed new loans on an additional 13 drinking water projects worth \$38.2 million and have already issued 33 binding commitment letters and/or loan agreements for additional projects, worth \$184.9 million.



DIVISION OF WATER & WASTE MANAGEMENT

Watershed Improvement Branch

- Awarded 20 grants, totaling \$1,539,174 to partner agencies, local governments, watershed associations, nonprofit organizations, and universities to implement watershed-related outreach, planning, education, monitoring, and water quality improvement projects. The funding is provided by the EPA through Section 319 Nonpoint Source and Chesapeake Bay Programs, and WVDEP.
- Awarded 21 grants, totaling \$98,556 through the West Virginia Stream Partners Program.
- Expended \$5,639,905 toward 18 In Lieu Fee stream and wetland mitigation projects for site protection, assessment, design, permitting, monitoring, maintenance, and mitigation bank credit purchase.
- Through the WV Save Our Streams (SOS) Program, coordinated 6 streamside workshops for 130 individuals, participated in 12 outreach events for over 2000 people, and participated in 4 stream clean ups.
- Through Project WET (Water Education for Teachers), held workshops on WET Educator (124 trained), Getting Little Feet WET (74 trained), WOW – The Wonders of Wetlands workshops (19 trained), and Sampler (four trained). More than 20 on site and virtual educational outreach events were attended or co-hosted, including the Inaugural Wild and Wonderful Water Science Fair and Rain Barrel in Schools Program. Our efforts reached more than 1,900 students with water education. Conducted nine Water Festivals reaching more than 2,000 students across the state.



DIVISION OF WATER & WASTE MANAGEMENT

Watershed Standards and Assessment Section

The Watershed Standards and Assessment Section (WQSAS) was formed in December 2023 by merging the Watershed Assessment Branch (WAB) with the Water Quality Standards, 401/State Water Certification, and Water Use Programs. WQSAS is split into three Units: Monitoring Unit, Standards Unit, and Assessment Unit.

WQSAS Monitoring Unit

- Collected 2,241* water quality samples from 262 sites on 203 streams, providing 71,240 individual parameter results. These samples are primarily from streams within the Elk River, Potomac Direct Drains, North Branch of the Potomac River, Shenandoah River, and Little Kanawha River watersheds where pre-TMDL development monitoring was focused.
- Watershed Assessment/Long-term Monitoring Sites:
 - water quality, habitat, and biological information from 75 targeted sites (including 10 done in duplicate for QA);
 - 71 samples from Long-term Monitoring Sites;
 - 123 'General Water Quality' samples;
 - 19 samples for filamentous algae surveys; and
 - 10 samples associated with other Harmful Algae Blooms (HABS).
- Ambient Water Quality Monitoring Network: collected bi-monthly water quality information for more than 30 parameters from 26 sites on the State's major streams and rivers, six sites in the Monongahela basin were sampled monthly during low-flow season.
- Probabilistic Monitoring Monitoring for the 5th 5-year cycle of Probabilistic Monitoring was ongoing on July 1, 2022-June 30, 2023.
- Water quality continuous data loggers were deployed at 46 sites on 38 streams.
- Fish community data Fish community data was collected at 19 sites..
- Benthic Macroinvertebrate Data: 318 samples from 240 streams were collected from July 1, 2022-June 30, 2023.
- Lakes: Monitored 27 sites at lakes and collected 60 samples, with 1,061 individual parameter results.

* This number, as with the other numbers in this section, is derived from WABBASE, our primary database. Given the time needed to enter data into the database, data collected from the end of state fiscal year 2024 may not have been available at the time this report was being developed. Actual counts may exceed those presented here.

WQSAS Standards Unit

- Attended EPA's Virtual Water Quality Standards Academy December 2022 and 2023.
- Spoke at meetings, regarding WVDEP and the Water Quality Standards program.
- Filled Environmental Resources Associate position to reach agency goals to reduce vacancy rate.
- Completed conversion of hard copy program records to electronic files.
- Attended regularly scheduled EPA R3 (biannually) EPA/WV WQS (monthly) and PFAS subcommittee meetings.
- Continued to monitor filamentous algae and nutrients in the Greenbrier River.
- Continued to observe decreases in the amount of phosphorus and filamentous algae coverage for the second consecutive year.
- Continued identifying causative factors of filamentous algae growth in the Cacapon River.
- Continued developing a framework for a Use Attainability Analysis to establish a limited aquatic life use for streams.
- Continue to work with EPA on developing a framework for variance requests.
- Continue to review and approve, where appropriate, site specific criteria requests with respect to copper and selenium.
- Continue to meet with the Trout Stream Workgroup to revise the trout waters definition.
- Continue to prepare for a triennial review in 2024.

DIVISION OF WATER & WASTE MANAGEMENT

401 Certification Program

- Reviewed 314 Nationwide 404 permits, of which 122 were for Division of Highways projects.
- Issued 29 Individual State 401 Water Quality Certifications.
- Issued 3 State Waters Permits.
- Reviewed and approved 7 Nationwide 27 Permit Stream Restoration Plans.
- Issued 13 compliance with Standard Condition 2 of the Nationwide Permit letters.
- Reviewed and approved 23 Nationwide 39 Permits for Commercial and Institutional Developments.
- Reviewed and approved 89 DOH Regional Permit projects.
- Reviewed 163 DOH Regional Permit projects for National Environmental Policy Act compliance.
- Reviewed and approved 14 Stream Management Plans from the WV Conservation Agency under their Regional General Permit.
- Reviewed and approved 7 Army Corps of Engineers' issued Letters of Permission.
- Coordinated with the Environmental Protection Agency on 1 Environmental Enforcement case.
- Reviewed various Mitigation Bank documents, including prospectus, instrument, mitigation plans, monitoring plans, and modifications.
- Attended 6 WVIRT Meetings and 43 mitigation site visits
- Received and reviewed various documents on hydro-electric power projects, in accordance with FERC licensing requirements.
- Recertified the Regional General Permit for the WV DOH.
- Presented on WOTUS definition revisions at the DEP's DLR Conference in February 2024.
- Presented on WOTUS definition revisions at WV Expo in March 2024.
- Represented the DEP at the National Environmental Mitigation Conference in April 2024.

Water Use

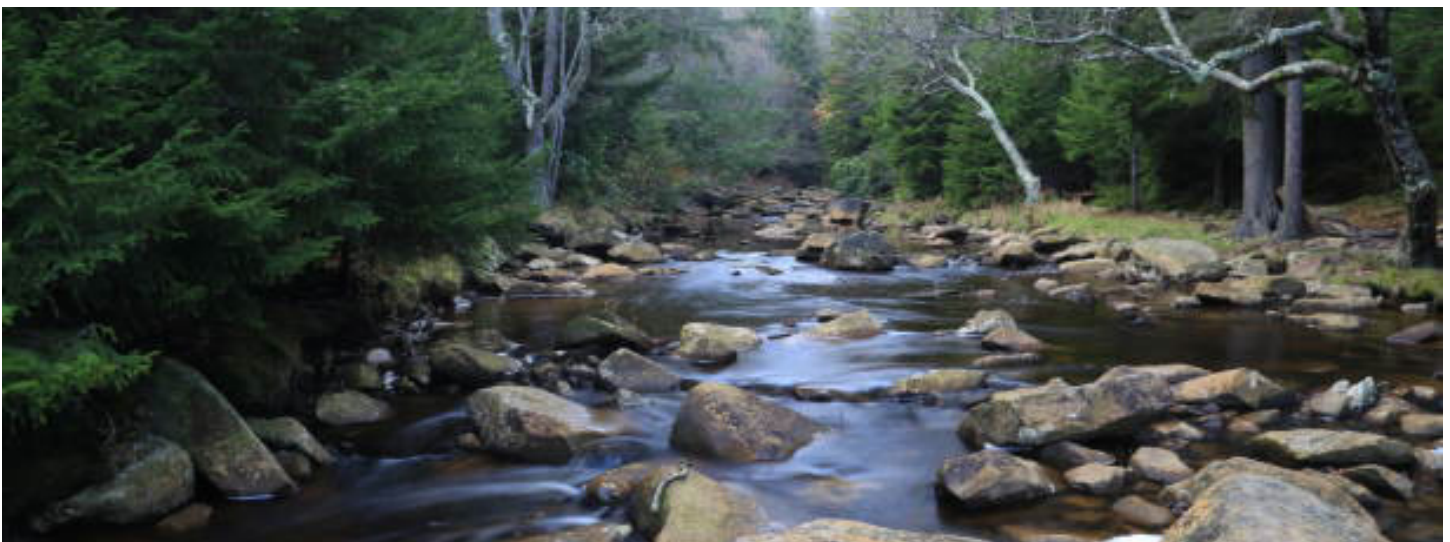
- The Water Use Program was established under the authority of the Water Resources Protection and Management Act (W.Va. Code §22-26). The program published the State Water Resources Management Plan, which provides a comprehensive review of the state's waters and was adopted by the Legislature in 2014. The Water Use staff has continued to implement the provisions and recommendations of both the Act and Plan with several ongoing programs, projects, and studies relevant to the state's water resources. The Annual Water Resources Report is submitted and presented to the Joint Legislative Oversight Commission on State Water Resources each December.
- Conducted Large Quantity User Survey (2023). Any entity that withdraws more than 300,000 gallons in 30 days from state water resources excluding farm use and including all bottled water use is considered a Large Quantity User (LQU) under the Water Resources Protection and Management Act. These LQUs use the DEP Electronic Submission System to report their withdrawals annually to Water Use. Staff have been collecting LQU information since 2006 and monitoring trends in water use. We share water withdrawal information with the State Legislature and research partners including universities and the U.S. Geological Survey.
- LQUs withdraw over 607 billion gallons of water from 345 individual sites (based on calendar year 2023 data). Most LQU continue to withdraw from the surface (95%). Groundwater withdrawals remain relatively consistent, comprising approximately 5% of the total water use in West Virginia. Thermoelectric (coal) is the single largest user of surface water (contributing approximately 65% of withdrawal), followed by the chemical and public water supply sectors. The public water supply is the single largest user of groundwater (contributing 48% of withdrawal), followed by the chemical and mining sectors. Groundwater use is concentrated in the alluvial aquifers along the Ohio River, southern coalfields, and karst aquifer systems of eastern WV. The 2023 estimate for water consumption is 45% of the total statewide water withdrawal.

DIVISION OF WATER & WASTE MANAGEMENT

- Issued Water Management Plans for Horizontal Well Work Permits: During Fiscal Year 2022, the Water Use staff continued to provide water management plans to support West Virginia's oil and gas industry, as required by The Horizontal Well Control Act (W.Va. Code §22-6A). TAGIS and the Water Use Section also maintain a Water Withdrawal Guidance Tool. Developed in 2009, this tool helps direct potential water withdrawals towards only those surface waters with sufficient flow (<https://tagis.dep.wv.gov/wwts/>).
- Continued Water Resources Research: To carry out mandates from the Water Resources Protection and Management Act, the Water Use section continues to participate in collaborative research efforts with various state, federal and nonprofit partners. Several current projects include abandoned underground coal mine aquifers, geophysical groundwater well logging, Monroe county hydrogeologic assessment and quantifying water security. The Water Use section will continue to work together on local projects to improve our understanding of water stress throughout the state and, if needed, support the designation of critical planning areas. All water resources data also continues to be maintained in the Water Resources Management Mapping tool (<http://tagis.dep.wv.gov/WVWaterPlan/>).

WQSAS Assessment Unit

- Total Maximum Daily Load Development: TMDL development is underway in the Cacapon River Watershed, Back Creek Watershed, and select streams in the Elk River and Potomac Direct Drain watersheds. Pre-TMDL monitoring concluded in the Gauley River watershed.
- Water Quality Monitoring and Assessment Integrated Report (IR): Assessment Unit staff worked on the 2024 Integrated Report, including assessment of data collected by the agency, permittees, and other partners.



DIVISION OF LAND RESTORATION

The mission of the Division of Land Restoration (DLR) is to reclaim and remediate contaminated and disturbed land to a condition protective of public health and safety and suitable for productive reuse and economic development. To achieve this, DLR administers three key programs: the Office of Environmental Remediation, the Office of Abandoned Mine Lands & Reclamation, and the Office of Special Reclamation.

Office of Environmental Remediation

Through its various environmental cleanup programs, the Office of Environmental Remediation (OER) provides for clean, safe, and productive communities by assessing and remediating environmental resources, and restoring contaminated properties to beneficial use.

Brownfields Assistance Program

The Brownfields Assistance Program empowers communities, developers, and stakeholders to assess, cleanup, and reuse brownfields. During FY24, the program accomplished:

- Provided free guidance and technical assistance to various stakeholders to assist with the assessment, cleanup, and redevelopment of brownfields. Specific services included reviewing and explaining environmental reports; providing technical and program guidance to assess and remediate sites; educating stakeholders and conducting community outreach, including participation in a grant-writing workshop; and identifying potential funding sources for assessment and remediation.
- Administered 85 environmental site assessments at brownfield properties throughout West Virginia to determine presence and levels of contamination and ultimately return the properties back to productive use.



UECA-LUST Program

The Uniform Environmental Covenants Act–Leaking Underground Storage Tank (UECA-LUST) Program is an alternative remediation option for releases from underground storage tanks (USTs). Through the UECA-LUST Program, responsible parties may remediate LUST sites to risk-based standards utilizing engineering and institutional controls, such as covers, caps, and land use restrictions, in accordance with the Uniform Environmental Covenants Act. During FY24, the program accomplished:

- Issued one No Further Action letter to a site which successfully completed risk-based remediation.
- Updated UECA-LUST guidance in the Voluntary Remediation Program Guidance Manual in order to streamline UECA-LUST sites through the program to achieve closure quickly and efficiently.

Voluntary Remediation Program

The Voluntary Remediation Program encourages voluntary cleanup and redevelopment of abandoned or under-utilized contaminated properties by providing certain environmental liability protections under West Virginia law to parties completing remediation under WVDEP oversight. During FY24, the program accomplished:

- Accepted ten (10) new applications for voluntary remediation projects. These sites are located in Berkeley, Brooke, Cabell, Greenbrier, Jackson, Jefferson, Kanawha, Ohio, Tyler, and Wood counties.
- Issued eight (8) Certificates of Completion for 74.76 remediated acres of land ready for reuse. Cumulatively, 260 Certificates of Completion have been issued for 4,223.7 remediated acres of land. Sites receiving a Certificate of Completion include the Acme Wood Preserving site in Princeton, Avtex Landfill site in Nitro, the Black Diamond Coalfields Development site in Huntington, the Blue Ridge Community and Technical College site in Martinsburg, the OB Glass site in Huntington, the Planet Fitness site in Charleston, and the Tanyard Station site in Barboursville.

Superfund Program

The WVDEP is a support regulatory agency for the U.S. Environmental Protection Agency at removal, pre-remedial, and remedial sites subject to the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), which requires meaningful state participation. As a support agency, the WVDEP Superfund Program represents state interests; ensures compliance with applicable state laws and regulations; provides oversight of data and data collection activities; and acts as a liaison between the EPA and the citizens of West Virginia, local officials, community representatives, property owners, industry, and nonprofit organizations. In addition, after a Long Term Response Action is completed at a site, the Superfund Program assumes full responsibility for performing operations and maintenance (O&M) to maintain the effectiveness of the selected remedy. During FY24, the program accomplished:

- Supported EPA's Remedial Program at 10 Superfund National Priorities List (NPL) sites:
 - Allegany Ballistics Laboratory in Rocket Center, WV (USNAVY)
 - Big John Salvage—Hoult Road in Fairmont, WV
 - Fike Chemical, Inc. in Nitro, WV
 - Hanlin-Allied-Olin in Moundsville, WV
 - North 25th Street Glass and Zinc in Clarksburg, WV
 - Paden City TCE in Paden City, WV
 - Ravenswood PCE in Ravenswood, WV
 - Sharon Steel Corp (Fairmont Coke Works) in Fairmont, WV
 - Shaffer Equipment/Arbuckle Creek Area in Minden, WV
 - West Virginia Ordnance (USARMY), including the Pantasote Operational Unit (OU) 13, in Point Pleasant, WV
- Led operations and maintenance (O&M) at one (1) Superfund National Priorities List (NPL) site:
 - Vienna Tetrachloroethene in Vienna, WV (state lead O&M)
- Led continued monitoring efforts at one (1) removal site:
 - W&G Electroplating

OFFICE OF ENVIRONMENTAL REMEDIATION

- Assisted EPA Response Program On-Scene Coordinators with removal assessments and actions at nine (9) sites:
 - Artistic Cleaners in Huntington, WV
 - Big John Salvage in Fairmont, WV
 - Carr China in Grafton, WV
 - Coyne Textile in Huntington, WV
 - Fairmont Brine in Fairmont, WV
 - Figgie International in Ranson, WV
 - Kanawha River Dioxin in Nitro, WV
 - North 25th Street in Clarksburg, WV
 - Pennsboro Glass in Pennsboro, WV
- Conducted and supported pre-remedial assessments for EPA's Site Assessment Program at nine (9) sites:
 - Elkem Metals in Alloy, WV
 - Fairmont Brine in Fairmont, WV
 - General Electric in Huntington, WV
 - Holder Chemical in Ona, WV
 - Houdaille Industries Inc. in Huntington, WV
 - J F & M Co. PCB in Huntington, WV
 - Mays Balogna in Follansbee, WV
 - Standard Ultramarine in Huntington, WV
 - South Charleston Ordnance in South Charleston, WV
- Collaborated with the U.S. Air Force, U.S. Army, U.S. Army Corps of Engineers, U.S. Army National Guard, and U.S. Navy to actively assess and remediate eleven (11) Formerly Used Defense Sites (FUDS), Installation Restoration (IR) sites, Military Munitions Response Program (MMRP) sites, and Non-DOD Owned, Non-Operational Defense Sites (NDNODS):
 - Allegany Ballistics Laboratory (IR – NPL) in Rocket Center, WV*
 - Army Aviation Support Facility #1 (IR) in Williamstown, WV*
 - Army Aviation Support Facility #2 (IR) in Wheeling, WV*
 - Camp Dawson Army Training Site (IR) in Kingwood, WV*
 - Fixed Wing Army Aviation Training Site (IR) in Bridgeport, WV*
 - Shepherd Field Air National Guard Base (IR) in Martinsburg, WV*
 - Sugar Grove Operations Area (IR) in Sugar Grove, WV*
 - Yeager Field Air National Guard Base (IR) in Charleston, WV*
 - WV Maneuver Area (MMRP) across multiples counties in Eastern WV
 - West Virginia Ordnance (FUDS – NPL) in Point Pleasant, WV

**Denotes PFAS investigation site.*

Federal Facilities Restoration Program

WVDEP serves as the lead regulatory agency for Department of Defense (DOD) restoration sites in West Virginia that are not on the Superfund National Priorities List. The Federal Facilities Restoration Program oversees the investigation and cleanup of active, closing, and former military installations where hazardous substances, petroleum products, or military munitions may be present.

In addition to addressing other contamination, DOD is investigating an emerging class of contaminants—per- and polyfluoroalkyl substances (PFAS)—associated with historical use of aqueous film forming foam (AFFF) for firefighting since the 1970s. Some AFFF formulations contained PFOS and PFOA, and current efforts are focused on evaluating potential impacts to drinking water on or near these sites. The Federal Facilities Restoration Program assists with these reviews and investigations. During FY24, the program accomplished:

Long-Term Monitoring of Institutional Controls

Institutional controls are legal or administrative measures, such as land use or environmental covenants, that limit property activities to prevent exposure to residual contamination when full cleanup is not feasible. WVDEP uses and regularly monitors these Land Use Covenants to ensure long-term protection of public health and the integrity of the cleanup. During FY24, the program accomplished:

- Received and processed 1,754 notifications of excavation from WV811 to monitor sites with established environmental controls that contain AULs and/or engineering controls.
- Reviewed 154 LUC inspections.

OFFICE OF ABANDONED MINE LANDS

The DLR's Office of Abandoned Mine Lands and Reclamation (AML) mends damage that occurred from mining operations prior to Aug. 3, 1977. Abandoned mines impose social and economic costs to residents and impair environmental quality. AML restores land and improves water quality at abandoned or forfeited sites using funding from federal coal taxes. During FY24, AML accomplished:

Planning

- AMD Water Treatment: 115,414 gpm (five projects)
- Dangerous Impoundments/Portals: 11
- Dangerous Slides: 2.8 acres
- Hazardous Equipment/Facilities: 2
- Highwall: 100
- Underground Mine Fire: 2
- Vertical Opening: 3
- Planning sent nine (9) Environmental Assessments to OSMRE for Authorization to Proceed with projects.

There were 147 Problem Areas (PADs) submitted, completed and incorporated into the National Enhanced Abandoned Mine Lands Inventory System (eAMLIS), 45 of which were new PADs.

Design

- Completed designs for 12 Contract (consulting firm) projects and four In-House projects.

Waterlines

- Completed three projects, serving 122 customers and awarded two projects, serving 114 customers.

Realty

Completed Exploratory Right of Entry on 11 regular grant projects and 13 emergency projects.
Completed Construction Right of Entry on eight regular grant projects, 41 emergency projects, 21 maintenance projects, and one Limestone Fine site.
Completed Property Appraisals on six property acquisitions.

Emergencies

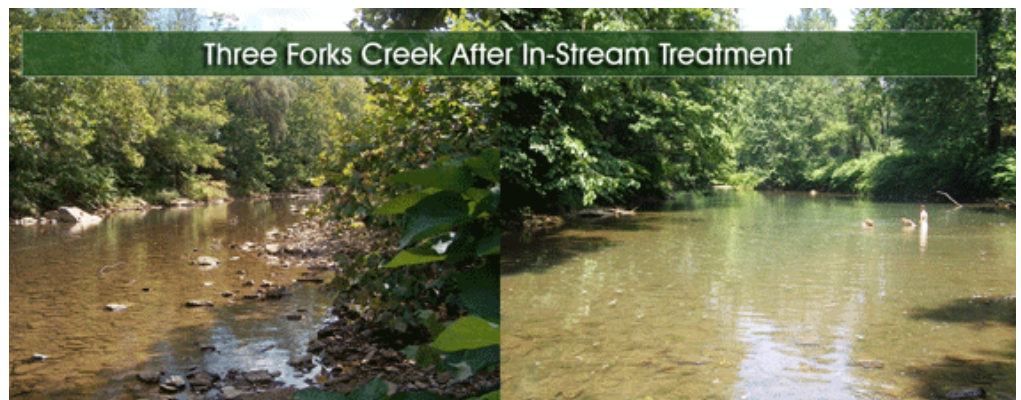
Conducted 491 investigations and abated 45 emergencies.



OFFICE OF SPECIAL RECLAMATION

The DLR's Office of Special Reclamation (OSR) eliminates abandoned mine hazards due to post-1977 (SMCRA) mining operations. This may entail anything from minor to major land restoration and perpetual water treatment. Its reclamation funds come from coal taxes, civil penalties, bond forfeitures, and investment yields. During FY24, the OSR accomplished:

- Provided quarterly progress reports to the Special Reclamation Fund Advisory Council.
- Monitored water quality on nine permits for acid mine drainage determination (AMD) and design purposes.
- Performed 2,603 land and water inspections and 561 construction inspections.
- Issued:
 - 13 water reclamation purchase orders, totaling approximately \$3.4 million.
 - Five land reclamation purchase orders, totaling approximately \$3.9 million.
 - Two emergency purchase orders, totaling approximately \$1.2 million.
- Completed water reclamation on nine permits which allows OSR to meet more stringent NPDES limits.
- Completed land reclamation on one permit with a total of 115 acres reclaimed.
- Gained release on six NPDES permits.



- Gained Termination of Jurisdiction on 29 permits with a total of 770 acres released.
- Continued the cost-share partnership with Southwestern Energy (SWN), who continues to contribute funding for operation and maintenance costs for the Muddy Creek Watershed Restoration Project (\$300,000) and the Martinka Complex Treatment Facility (\$765,000).
- Continued use of drones for aerial infrared mapping and photography to detect ground water discharges, mine seeps, subsurface cracks, and coal seam fires, and hydro drone, which uses sonar, to determine pond depths. This information is used for reclamation purposes.
- Partnered with West Virginia University's Water Research Institute to design and construct a full-scale REE extraction project at OSR's treatment facility near Mount Storm. Construction was completed in Fall 2022. Work continues to fine tune the system for better extraction capabilities.

SUPPORTING THE ENVIRONMENT

Office of the Environmental Advocate

The Office of the Environmental Advocate provides daily assistance to the public by helping citizens navigate the agency's regulatory framework and ensuring information requests and complaints are directed to the appropriate staff. Requests for assistance can include questions about the public comment process, how to appeal agency decisions, how to file a Freedom of Information Act (FOIA) request, and how best to notify the agency about potential or ongoing environmental issues. Programs overseen by the OEA include the Rehabilitation Environmental Action Plan (REAP) and the Youth Environmental Program (YEP).

Rehabilitation Environmental Action Plan (REAP)

The OEA's Rehabilitation Environmental Action Plan works to make West Virginia the cleanest state in the nation. Pollution Prevention and Open Dump, Make-It-Shine, Adopt-A-Highway/Adopt-A-Spot, Clean Streams Initiative, Statewide Recycling and Operation Wildflower are the state's cleanup and beautification programs. They are all housed within WVDEP, providing citizens with a control location to learn about and participate in volunteer cleanup initiatives. For FY24, REAP accomplished:

	PPOD	WVMIS	Adopt-A-Stream	Adopt-A-Highway Adopt-A-Spot	Recycling/Litter Control Grants	REAP Totals
Volunteer Labor Value	\$88,277	\$261,301	\$8,141	\$1,092,743	\$85,319	\$1,535,781
Volunteers Participating	650	2,984	153	5,953	451	10,191
Dumps Eradicated	534	87			382	1,003
Acres Reclaimed	530	280				810
Miles of Roadway Cleaned	269	267		1,745	586	2,867
Miles of Streams Cleaned	112	61	12			185
Active Groups Reported		135	3	462		600
Tons of Litter/Waste	4,123.34	215.57	5.74	108.58	1,231.23	5,684.46

SUPPORTING THE ENVIRONMENT

Business Operations Office

The Business Operations Office (BOO) provides financial, procurement, and property management services to all WVDEP programs, divisions, and offices.

In FY24, BOO accomplished:

- Completed the Northern Regional Facility Consolidation project, which combined the WVDEP's Fairmont and Bridgeport regional offices into one building
- Established an agency vehicle contract and ordered 36 new vehicles
- Worked with RED to reduce DAQ air monitoring sites and Guthrie location
- Replaced all expiring registrations, inspection stickers, and fuel cards within WVDEP Fleet
- Staffed essential positions during multiple staffing shortages
- Bid and implemented the new Safety Management Software with Simplify Compliance LLC
- In conjunction with DLR, developed a Design/Build Process with the contracted owner/advisor Burns & McDonnell and advertised the first DB project (request for qualifications)
- Awarded 59 WVDEP Construction/Reclamation Contracts

Public Information Office

The Public Information Office (PIO) is instrumental in sharing the WVDEP's work and mission to uphold the state's environmental laws while balancing economic interests in agriculture, manufacturing, tourism, and energy production. Through proactive public outreach, media relations, and community engagement, the PIO serves as the spokesperson for the agency and promotes transparency and accessibility, ensuring that West Virginians understand and can interact with the work of WVDEP.

In FY24, PIO accomplished:

- Coordinated responses to all media inquiries and interview requests submitted to the agency.
- Facilitated the completion of nearly 1,200 FOIA requests.
- Issued 27 press releases announcing WVDEP news, updates, and actions.
- Distributed 1,060 public notices through the agency's email listserv system, informing the public of comment periods, public meetings, and other regulatory actions
- Facilitated and led 25 public meetings, hearings, and informal conferences.
- Surpassed major social media milestones, growing YouTube to over 2,000 total subscribers (reaching 2,077) and building Facebook following to 8,400+ followers.
- Achieved over 475,000 lifetime YouTube views and 23,200 lifetime watch hours.
- Drove steady multi-platform growth, including a 400%+ surge in Instagram account reach mid-year.

BOARDS & COMMISSIONS

Environmental Quality Board

The Environmental Quality Board is a quasi-judicial body responsible for hearing appeals regarding the issuance or denial of permits, permit conditions, or enforcement decisions rendered by the Division of Water and Waste Management. Citizens and the regulated community file appeals with the board.

Board Members:

- Edward M. Snyder, Ph.D., chairman
- Charles C. Somerville, Ph.D., vice chairman
- B. Mitchel Blake, Jr., Ph.D.
- Stephen G. Capelli, Sr., P.E.
- Marybeth Winters, P.E.

In FY24, the EQB accomplished:

- Received and docketed 6 new appeals and entered 15 orders.
- Held 9 prehearing conferences, 4 status conferences, 1 evidentiary hearing, 3 oral arguments, 1 stay hearing, 3 meetings to deliberate, 4 meetings to discuss appeal matters, and 1 administrative meeting.
- Downloaded notices of appeal, certified records and orders to the board's website.

Air Quality Board

The Environmental Quality Board is a quasi-judicial body responsible for hearing appeals regarding the issuance or denial of permits, permit conditions, or enforcement decisions rendered by the Division of Air Quality. Citizens and the regulated community file appeals with the board.

Board Members:

- J. Michael Koon, chairman
- R. Thomas Hansen, Ph.D., vice chairman
- Leonard B. Knee.
- Robert C. Orndorff, Jr.
- Connie L. Stewart
- Grant Bishop, Department of Agriculture
- Jason Frame, Bureau for Public Health

In FY24, the AQB accomplished:

- Received and docketed 2 new appeals.
- Held 2 evidentiary hearings, 1 stay hearing, and 1 meeting to deliberate.
- Downloaded notices of appeal, certified records, and orders to the board's website.

Surface Mine Board

The Surface Mine Board conducts hearings on appeals presented to the board by any party that believes it is aggrieved by a decision of the WVDEP's Cabinet Secretary. Decisions appealed include permits issued, permit applications denied, notices of violations, and failure to issue notices of violation for alleged violations of law or regulations. Citizens and the regulated community file appeals with the board.

Board Members:

- Mark Schuerger, chairman, coal industry
- Richard Flanigan, vice chairman, forestry
- James Britton, advocate of environmental protection
- Stephen Butler, agriculture
- Henry Rauch, Ph.D., water pollution control
- James Smith, engineering
- Charles K. Meadows II, quarry operations

In FY24, the SMB accomplished:

- Received and docketed 4 new appeals and entered 4 orders.
- Held 2 evidentiary hearings, 1 meeting to discuss appeal matters, and 1 administrative meeting.
- Downloaded final orders to the board's website.

Oil & Gas Conservation Commission

The Oil and Gas Conservation Commission (OGCC) administers the provisions of W. Va. Code § 22C-9-1 et seq. and its corresponding legislative rule. Specifically, the OGCC has authority over deep well spacing and the establishment of drilling units and the pooling of interests for deep wells and horizontal “shallow” wells, conducting hearings associated with these matters. Under this statute the OGCC also has regulatory authority related to secondary recovery of oil from both shallow and deep wells. The OGCC administers the provisions of W. Va. Code § 37B-1-1 et seq. relating to mineral development by cotenants for all wells at all depths and the provisions of W. Va. Code § 22-11B-1 et seq. concerning underground carbon dioxide sequestration storage facilities at all depths.

Mission points of the OGCC:

- Foster, encourage, and promote exploration for and development, production, utilization, and conservation of oil and gas resources;
- Prohibit waste of oil and gas resources and unnecessary surface loss of oil and gas and their constituents;
- Encourage the maximum recovery of oil and gas; and
- Safeguard, protect, and enforce the correlative rights of operators and royalty owners in a pool of oil or gas to the end that each such operator and royalty owner may obtain his or her equitable share of production from such pool of oil and gas.

Commission Members:

- Randall M. Albert, chairman and commissioner;
- Robert Radabaugh, member;
- Michael McCown, member;
- Joe Casto, member;
- Harold Ward, ex-officio;
- James Martin, ex-officio

In FY24, the OGCC accomplished:

- Approved 4 deep well approvals
- Held 30 administrative hearings
- Collected \$258,579.51 in leased acreage taxes.

Solid Waste Management Board

The Solid Waste Management Board (SWMB) is an independent entity that develops solid waste management plans, disburses loans and grants for solid waste disposal projects, and provides program implementation and technical assistance to 50 county and regional solid waste authorities (SWAs) and other government entities in solid waste management. This includes municipalities that have been mandated by the Legislature to establish source separation and curbside recycling programs.

In FY24, the SWMB accomplished:

- Met 24 times, evaluated and approved 15 Commercial Solid Waste Facility Siting Plans and 18 Comprehensive Litter and Solid Waste Control Plans, met or made contact with 48 local solid waste authorities (SWA's) and municipalities to conduct program reviews, provide technical, financial and business assistance, promoted recycling, market development, and planning functions.
- Distributed \$2,731,687 in FY 2023 and \$2,737,002 in FY 2024 in solid waste assessment fees to 50 local and regional solid waste authorities; awarded \$799,500 in grant funds to 33 local SWA's for a variety of improvement projects including landfill and recycling processing equipment, financial examinations, educational training and certifications.
- Completed 56 quarterly performance measures and six biennial performance reviews on SWA's operating commercial solid waste facilities to gauge productivity, determine effectiveness and efficiency of facility operations and identify serious impairments.
- The SWMB staff conducted a one-day training for Solid Waste Authority Board Members and Employees covering topics including grant reporting, fraud prevention, open meetings and ethics, conducting meetings, Solid Waste Authority duties including Siting and Comprehensive Plans.
- The staff upgraded the SWMB website and the Board approved the 2023 West Virginia Solid Waste Management Plan two year update which is available online at <https://swmb.wv.gov/resources/Publications/Pages/WV-State-Plan.aspx>

**WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION
FISCAL YEAR 2024
DISBURSEMENT OF FUNDS**



DISBURSEMENT OF FUNDS
By Funding Source
Fiscal Year 2024

General Revenue:

Personal Services and Benefits	4,374,835	
Other	60,851	
Executive Salaries (00201)	157,192	
Water Resources Protection and Management (06800)	584,161	
Dam Safety Fund (60700)	261,953	
WV Stream Partners Program (63700)	77,396	
Meth Lab Cleanup (27101)	89,150	
Directed Transfer- Surplus (70099)	-	
WV Contributions to River Commissions (77600)	158,107	
OWR Non-Enforcement (TMDL) (85500)	1,074,435	
Drinking Water (68900)	647,500	
Environmental Quality Board (0311) fund 0270	124,257	
Air Quality Board (0325) fund 0550	75,146	
Total General Revenue Funds Disbursed		<u>7,684,983</u>

Federal Funding-Appropriated:

Personal Services and Benefits	23,887,857	
Reclamation	26,454,751	
Grants/Loans	51,376,911	
Other	<u>14,717,836</u>	
Total Federal Funds-Appropriated Disbursed		<u>116,437,355</u>

Federal Funding-Non Appropriated:

Personal Services and Benefits	71,611	
Reclamation	4,077,596	
Grants/Loans	960,477	
Other	<u>55,553</u>	
Total Federal Funds-Non Appropriated Disbursed		<u>5,165,237</u>

Special Revenue-Appropriated:

Personal Services and Benefits	16,777,546	
Grants/Loans	2,466,953	
Reclamation	3,350,411	
Other	7,982,860	
Statutory Transfers	13,499,443	
Total Appropriated Special Revenue Funds Disbursed		<u>44,077,212</u>

Special Revenue-Non Appropriated:

Personal Services and Benefits	17,530,398
Grants/Loans	56,133,508

Reclamation	17,779,971		
Other	13,660,274		
Statutory Transfers	<u>8,290,000</u>		
Total Non Appropriated Special Revenue Funds Disbursed		<u>113,394,152</u>	
TOTAL FUNDS DISBURSED			<u><u>286,758,938</u></u>

WV DEP DISBURSEMENT OF FUNDS
By Division/Office
Fiscal Year 2024

Executive; Business Operations Office; Legal; REAP; Homeland Security:

Personal Services and Benefits	10,568,235	
Grants/Loans	7,303,490	
Reclamation	23,751	
Statutory Transfers	1,880,000	
Other	5,536,974	
Total Disbursements		25,312,449

Office of Oil and Gas:

Personal Services and Benefits	2,738,920	
Reclamation	22,397,576	
Other	568,322	
Total Disbursements		25,704,819

Mining & Reclamation:

Personal Services and Benefits	12,671,085	
Grants/Loans	-	
Statutory Transfers	127,914	
Other	3,915,148	
Total Disbursements		16,714,147

Air Quality:

Personal Services and Benefits	6,563,810	
Other	1,403,091	
Grants/Loans	290,295.00	
Total Disbursements		8,257,195

Land Restoration:

Personal Services and Benefits	12,557,299	
Grants/Loans	12,548,457	
Statutory Transfers	19,774,828	
Reclamation	27,686,071	
Other	15,556,684	
Total Disbursements		88,123,339

Water and Waste Management:

Personal Services and Benefits	18,313,132	
Grants/Loans	90,569,578	
Reclamation	5,223	
Other	10,666,793	
Total Disbursements		119,554,725

Air Quality Board:

0325

WV DEP DISBURSEMENT OF FUNDS

By Division/Office

Fiscal Year 2024

Personal Services and Benefits

55,731

Other

19,415

Total Disbursements

75,146

Environmental Quality Board:

0311

Personal Services and Benefits

100,176

Other

48,589

Total Disbursements

148,765

Solid Waste Management Board

0312

Personal Services and Benefits

711,922

Other

1,805,619

Total Disbursements

2,517,540

Oil & Gas Conservation Commiss

0315

Personal Services and Benefits

124,784

Other

226,029

Total Disbursements

350,813

TOTAL DISBURSEMENTS

286,758,938

STATEMENT OF RECEIPTS AND DISBURSEMENTS
FISCAL YEAR 2024

Total Exp 1,784,798
Total Rev 1,240,875

Fund 3004 - Above Ground Storage Tank Administrative Fund

Beginning Cash at July 1, 2023		2,622,802
Revenues:		
Fees	1,061,263	
Fines & Penalties	0	
Investment Earnings	122,787	
TOTAL REVENUE		1,184,050
Expenditures:		
Personal Services & Benefits	1,069,795	
Professional Services	13,548	
Other	583,697	
TOTAL EXPENDITURES		1,667,040
Ending Cash at June 30, 2024		2,139,812

Fund 3016 - Protect Our Water Fund

Beginning Cash at July 1, 2023		1,111,716
Revenues:		
Fees	860	
Fines & Penalties	0	
Investment Earnings	55,965	
TOTAL REVENUE		56,825
Expenditures:		
Personal Services & Benefits	104,161	
Professional Services	75	
Other	13,522	
TOTAL EXPENDITURES		117,758
Ending Cash at June 30, 2024		1,050,783

1,784,798

STATEMENT OF RECEIPTS AND DISBURSEMENTS
FISCAL YEAR 2024

Fund 3023 - Hazardous Waste Management Fee Fund

Beginning Cash at July 1, 2023		2,069,527
Revenues:		
Fees	647,850	
Investment Earnings	114,416	
TOTAL REVENUE		762,266
Expenditures:		
Personal Services & Benefits	545,691	
Professional Services	30,163	
Other	80,628	
TOTAL EXPENDITURES		656,482
Ending Cash at June 30, 2024		2,175,311

Fund 3024 - Air Pollution Education and Environment Fund

Beginning Cash at July 1, 2023		1,192,712
Revenues:		
Fees	0	
Fines & Penalties	546,026	
Investment Earnings	54,742	
Court Settlement Revenues	227,725	
Prior Year Expiring Funds	0	
TOTAL REVENUE		828,493
Expenditures:		
Personal Services & Benefits	268,701	
Professional Services	7,455	
Other	231,543	
TOTAL EXPENDITURES		507,699
Ending Cash at June 30, 2024		1,513,506

Fund 3206 - The Dam Safety Fund

Beginning Cash at July 1, 2023		366,846
Revenues:		
Dam Control Permits	11,475	
Fines & Penalties	0	
Fees	9,315	
Investment Earnings	19,723	
TOTAL REVENUE		40,513
Expenditures:		
Personal Services & Benefits	0	
Professional Services	589	
Other	2,233	
TOTAL EXPENDITURES		2,822
Ending Cash at June 30, 2024		404,537

STATEMENT OF RECEIPTS AND DISBURSEMENTS
FISCAL YEAR 2024

Total Exp 1,534,151
Total Rev 1,184,313

Fund 3217 - Leaking Underground Storage Tank Response Fund

Beginning Cash at July 1, 2023 752,495

Revenues:

Fees	84,902
Investment Earnings	39,920

TOTAL REVENUE 124,822

Expenditures:

Personal Services & Benefits	88,944
Professional Services	2,905
Other	19,316

TOTAL EXPENDITURES 111,165

Ending Cash at June 30, 2024 **766,152**

Fund 3218 - Underground Storage Tank Insurance Fund

Beginning Cash at July 1, 2023 1,203,584

Expenditures:

Personal Services & Benefits	1,243
Professional Services	301
Other	195,760
Reclamation	0

TOTAL EXPENDITURES 197,304

Ending Cash at June 30, 2024 **1,006,280**

Fund 3220 - Groundwater Protection Fund

Beginning Cash at July 1, 2023 1,362,739

Revenues:

Fees	999,214
Investment Earnings	60,277

TOTAL REVENUE 1,059,491

Expenditures:

Personal Services & Benefits	825,168
Professional Services	177,148
Other	223,366

TOTAL EXPENDITURES 1,225,682

Ending Cash at June 30, 2024 **1,196,548**

STATEMENT OF RECEIPTS AND DISBURSEMENTS
FISCAL YEAR 2024

Total Exp 1,308,940
Total Rev 1,476,779

Fund 3222 - Groundwater Remediation Fund

Beginning Cash at July 1, 2023 1,047,807

Revenues:

Fines & Penalties 25,925
Investment Earnings 59,777

TOTAL REVENUE 85,702

Expenditures:

Personal Services & Benefits 0
Professional Services 0
Other 0

TOTAL EXPENDITURES 0

Ending Cash at June 30, 2024 **1,133,509**

3255 - Performance Bond Monongalia Co. Landfill Fund

Beginning Cash at July 1, 2023 704,201

Revenues:

Investment Earnings 39,851

TOTAL REVENUE 39,851

Ending Cash at June 30, 2024 **744,052**

Fund 3301 - Operator Permit Fees Fund

Beginning Cash at July 1, 2023 2,728,172

Revenues:

Fees 1,082,985
Operating Funds Transfer 268,241
Fines & Penalties 0

TOTAL REVENUE 1,351,226

Expenditures:

Personal Services & Benefits 704,731
Professional Services 335,601
Other 268,608

TOTAL EXPENDITURES 1,308,940

Ending Cash at June 30, 2024 **2,770,458**

Total Exp 6,976,219
Total Rev 1,391,411

Fund 3304 - Wind and Solar Decommissiong Account

Beginning Cash at July 1, 2023	0
Revenues:	
TOTAL REVENUE	0
Expenditures:	
	0
	0
TOTAL EXPENDITURES	0
Ending Cash at June 30, 2024	0

3305 - Reclamation of Abandoned and Dilapidated Prop Prog Fund

Beginning Cash at July 1, 2023	28,194,352
Revenues:	
Investment Earnings	1,391,411
Statutory Transfers	0
TOTAL REVENUE	1,391,411
Expenditures:	
Grants/Loans	6,971,653
Personal Services & Benefits	1,679
Professional Services	0
Other	2,887
TOTAL EXPENDITURES	6,976,219
Ending Cash at June 30, 2024	22,609,544

STATEMENT OF RECEIPTS AND DISBURSEMENTS
FISCAL YEAR 2024

Total Exp 22,010,247
Total Rev 21,117,337

3310 - Oil and Gas Trust Deposit Fund

Beginning Cash at July 1, 2023 113,660

Revenues:

Investment Earnings 6,432

TOTAL REVENUE 6,432

Ending Cash at June 30, 2024 120,092

Fund 3312 - Special Reclamation Water Quality Fund

Beginning Cash at July 1, 2023 2,410,300

Revenues:

Fees 271,077

Gifts 1,065,000

Other 0

Income 0

Statutory Transfers 17,589,712

TOTAL REVENUE 18,925,789

Expenditures:

Personal Services & Benefits 2,975,273

Professional Services 471,559

Other 2,945,293

Reclamation 13,361,592

Grants/Loans 0

TOTAL EXPENDITURES 19,753,717

Ending Cash at June 30, 2024 1,582,372

3317 - Special Reclamation Administration Fund

Beginning Cash at July 1, 2023 197,606

Revenues:

Fees 0

Statutory Transfers 2,185,116

TOTAL REVENUE 2,185,116

Expenditures:

Personal Services & Benefits 898,680

Professional Services 184,045

Other 1,173,805

TOTAL EXPENDITURES 2,256,530

Ending Cash at June 30, 2024 126,192

STATEMENT OF RECEIPTS AND DISBURSEMENTS
FISCAL YEAR 2024

Total Exp 17,865,451
Total Rev 16,415,169

Fund 3321 - Special Reclamation Trust Fund

Beginning Cash at July 1, 2023 10,326,137

Revenues:

Fees	10,538,953
Fines & Penalties	734,714
Investment Earnings	540,931
Court Settlement Revenues	525,000

TOTAL REVENUE 12,339,598

Expenditures:

Personal Services & Benefits	1,457,804
Professional Services	2,695
Other	213,463
Reclamation	1,481,432
Fund Transfer	11,484,828

TOTAL EXPENDITURES 14,640,222

Ending Cash at June 30, 2024 **8,025,513**

Fund 3322 - Oil and Gas Reclamation Trust

Beginning Cash at July 1, 2023 1,443,695

Revenues:

Fees	1,721,121
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TOTAL REVENUE 1,721,121

Expenditures:

Personal Services & Benefits	173,666
Other	2,932
Professional Services	0
Reclamation	1,488

TOTAL EXPENDITURES 178,086

Ending Cash at June 30, 2024 **2,986,730**

3323 - Oil and Gas Operating Permits

Beginning Cash at July 1, 2023 2,995,649

Revenues:

Fees	2,284,950
Fines & Penalties	69,500
Other	0

TOTAL REVENUE 2,354,450

Expenditures:

Personal Services & Benefits	2,152,161
Professional Services	105,181
Other	789,801
Reclamation	0

TOTAL EXPENDITURES 3,047,143

Ending Cash at June 30, 2024 **2,302,956**

STATEMENT OF RECEIPTS AND DISBURSEMENTS
FISCAL YEAR 2024

Total Exp 2,751,701
Total Rev 2,157,952

Fund 3324 - Mining and Reclamation Operations Fund

Beginning Cash at July 1, 2023		3,705,658
Revenues:		
Fees	1,600,775	
Fines & Penalties	24,375	
Other	934	
Investment Earnings	158,040	
TOTAL REVENUE		1,784,124
Expenditures:		
Personal Services & Benefits	1,691,158	
Professional Services	53,661	
Other	605,331	
TOTAL EXPENDITURES		2,350,150
Ending Cash at June 30, 2024		3,139,632

Fund 3325 - Underground Storage Tank Administrative Fund

Beginning Cash at July 1, 2023		450,037
Revenues:		
Fees	235,318	
Fines & Penalties	24,533	
Investment Earnings	19,089	
TOTAL REVENUE		278,940
Expenditures:		
Personal Services & Benefits	208,659	
Professional Services	5,710	
Other	61,314	
TOTAL EXPENDITURES		275,683
Ending Cash at June 30, 2024		453,294

3326 - Hazardous Waste Management HG1479 Fund

Beginning Cash at July 1, 2023		769,604
Revenues:		
Fees	7,500	
Prior Year Expiring Funds	3,759	
Fines & Penalties	83,629	
TOTAL REVENUE		94,888
Expenditures:		
Personal Services & Benefits	89,341	
Professional Services	223	
Other	36,304	
TOTAL EXPENDITURES		125,868
Ending Cash at June 30, 2024		738,624

STATEMENT OF RECEIPTS AND DISBURSEMENTS
FISCAL YEAR 2024

Total Exp 63,207,709
Total Rev 115,780,037

Fund 3327 - Water Quality Management Fund

Beginning Cash at July 1, 2023 40,093,191

Revenues:

Fees	8,686,033
Fines & Penalties	2,178,278
Investment Earnings	2,663,017
Prior Year Expiring Funds	1,877,382
Other	0

TOTAL REVENUE 15,404,710

Expenditures:

Personal Services & Benefits	6,412,831
Professional Services	1,523,258
Other	2,598,708
Reclamation	5,223
Grants/Loans	2,390,424

TOTAL EXPENDITURES 12,930,444

Ending Cash at June 30, 2024 **42,567,457**

Fund 3328 - Closure Cost Assistance Fund

Beginning Cash at July 1, 2023 16,079,698

Revenues:

Fees	6,350,469
Investment Earnings	1,474,797
Prior Year Expiring Funds	0

TOTAL REVENUE 7,825,266

Expenditures:

Personal Services & Benefits	1,570,631
Professional Services	242,114
Other	107,614
Reclamation	2,121,165

TOTAL EXPENDITURES 4,041,524

Ending Cash at June 30, 2024 **19,863,440**

3329 - Water Pollution Control Revolving Fund

Beginning Cash at July 1, 2023 228,887,583

Revenues:

Fees	37,507,686
Interagency Fed Payments	39,072,105
Interest	3,431,042
Investment Earnings	12,539,228

TOTAL REVENUE 92,550,061

Expenditures:

Grants/Loans	46,235,741
Other	0

TOTAL EXPENDITURES 46,235,741

Ending Cash at June 30, 2024 **275,201,903**

STATEMENT OF RECEIPTS AND DISBURSEMENTS
FISCAL YEAR 2024

Total Exp 9,303,823
Total Rev 7,764,495

Fund 3331 - Hazardous Waste Emergency and Response Fund

Beginning Cash at July 1, 2023		398,759
Revenues:		
Fees	1,045,510	
Investment Earnings	34,661	
Fines & Penalties	9,383	
Court Settlement Revenues	60,298	
Prior Year Expiring Funds	0	
TOTAL REVENUE		1,149,852
Expenditures:		
Personal Services & Benefits	67,905	
Professional Services	104,904	
Other	216,732	
Reclamation	293,633	
TOTAL EXPENDITURES		683,174
Ending Cash at June 30, 2024		865,437

Fund 3332 - Solid Waste Reclamation and Environmental Response

Beginning Cash at July 1, 2023		871,187
Revenues:		
Fees	1,117,325	
Fines & Penalties	28,785	
Prior Year Expiring Funds	-1,877,382	
Other	66,832	
Operating Funds Transfer	3,980,436	
TOTAL REVENUE		3,315,996
Expenditures:		
Personal Services & Benefits	762,883	
Professional Services	8,921	
Other	866,010	
Reclamation	1,573,859	
Grants/Loans	153,858	
TOTAL EXPENDITURES		3,365,531
Ending Cash at June 30, 2024		821,652

3333 - Solid Waste Enforcement Fund

Beginning Cash at July 1, 2023		5,461,657
Revenues:		
Fees	3,296,224	
Fines & Penalties	2,423	
Prior Year Expiring Funds	0	
TOTAL REVENUE		3,298,647
Expenditures:		
Personal Services & Benefits	2,610,605	
Professional Services	86,759	
Fund Transfer	1,880,000	
Other	677,754	
TOTAL EXPENDITURES		5,255,118
Ending Cash at June 30, 2024		3,505,186

Total Exp 9,080,010
Total Rev 13,639,394

Fund 3334 - Oil and Gas Abandoned Well Plugging Fund

Beginning Cash at July 1, 2023		2,741,716
Revenues:		
Fees	6,685,947	
TOTAL REVENUE		6,685,947
Expenditures:		
Personal Services & Benefits	130,733	
Reclamation	2,291,992	
Other	3,091	
TOTAL EXPENDITURES		2,425,816
Ending Cash at June 30, 2024		7,001,847

Fund 3336 - Air Pollution Control Fund

Beginning Cash at July 1, 2023		11,813,670
Revenues:		
Fees	6,163,935	
Statutory Transfers	0	
Investment Earnings	716,901	
Prior Year Expiring Funds	0	
TOTAL REVENUE		6,880,836
Expenditures:		
Personal Services & Benefits	4,838,653	
Professional Services	31,674	
Other	1,714,983	
TOTAL EXPENDITURES		6,585,310
Ending Cash at June 30, 2024		12,109,196

Fund 3337 - Gifts and Donations Fund

Beginning Cash at July 1, 2023		180,987
Revenues:		
Fees	27,155	
Gifts	45,456	
TOTAL REVENUE		72,611
Expenditures:		
Professional Services	2,900	
Other	65,984	
Grants/Loans	0	
TOTAL EXPENDITURES		68,884
Ending Cash at June 30, 2024		184,714

STATEMENT OF RECEIPTS AND DISBURSEMENTS
FISCAL YEAR 2024

Total Exp 5,112,428
Total Rev 6,593,450

Fund 3339 -

Beginning Cash at July 1, 2023 0

Revenues:

Operating Funds Transfer 367,918
Statutaory Transfers 2,054,595
Investment Earnings 63,437

TOTAL REVENUE 2,485,950

Expenditures:

Personal Services & Benefits 616
Professional Services 935,051
Other 358,980
Grants/Loans 291,938

TOTAL EXPENDITURES 1,586,585

Ending Cash at June 30, 2024 **899,365**

Fund 3340 - Environmental Laboratory Certification Fund

Beginning Cash at July 1, 2023 668,277

Revenues:

Fees 283,163
Investment Earnings 32,326

TOTAL REVENUE 315,489

Expenditures:

Personal Services & Benefits 311,719
Professional Services 5,709
Other 95,834

TOTAL EXPENDITURES 413,262

Ending Cash at June 30, 2024 **570,504**

Fund 3342 - Water Pollution Revol Fd - Admin Fees

Beginning Cash at July 1, 2023 15,561,637

Revenues:

Fees 3,005,777
Investment Earnings 786,234

TOTAL REVENUE 3,792,011

Expenditures:

Personal Services & Benefits 2,127,879
Professional Services 334,256
Other 466,661
Grants/Loans 183,785

TOTAL EXPENDITURES 3,112,581

Ending Cash at June 30, 2024 **16,241,067**

STATEMENT OF RECEIPTS AND DISBURSEMENTS
FISCAL YEAR 2024

Total Exp 422,834
Total Rev 142,970

3345 - Special Reclamation Tax Clearing Account

Beginning Cash at July 1, 2023		1,975,566
Revenues:		
Fees	-630,797	
Investment Earnings	4,080	
TOTAL REVENUE		-626,717
TOTAL EXPENDITURES		<u>0</u>
Ending Cash at June 30, 2024		<u>1,348,849</u>

Fund 3347 - Voluntary Remediation Administrative Fund

Beginning Cash at July 1, 2023		2,446,912
Revenues:		
Fees	621,460	
Investment Earnings	136,762	
TOTAL REVENUE		758,222
Expenditures:		
Personal Services & Benefits	199,213	
Professional Services	17,792	
Other	194,364	
TOTAL EXPENDITURES		<u>411,369</u>
Ending Cash at June 30, 2024		<u>2,793,765</u>

Fund 3348 - Brownfields Revolving Fund

Beginning Cash at July 1, 2023		0
Revenues:		
Interagency Fed Payments	11,465	
TOTAL REVENUE		11,465
Expenditures:		
Grants/Loans	11,465	
TOTAL EXPENDITURES		<u>11,465</u>
Ending Cash at June 30, 2024		<u>0</u>

STATEMENT OF RECEIPTS AND DISBURSEMENTS
FISCAL YEAR 2024

Total Exp 8,398,717
Total Rev 32,411,634

Fund 3349 - Stream Restoration Fund

Beginning Cash at July 1, 2023		4,506,041
Revenues:		
Fines & Penalties	264,054	
Investment Earnings	259,756	
TOTAL REVENUE		523,810
Expenditures:		
Other	0	
Professional Services	0	
TOTAL EXPENDITURES		<u>0</u>
Ending Cash at June 30, 2024		<u>5,029,851</u>

Fund 3480 - Covered Electronic Devices Takeback Fund

Beginning Cash at July 1, 2023		119,593
Revenues:		
Fees	8,678	
Departmental Collections	47,000	
TOTAL REVENUE		55,678
Expenditures:		
Grants/Loans	93,950	
Other	121	
Personal Serivces & Benefits	14,646	
TOTAL EXPENDITURES		<u>108,717</u>
Ending Cash at June 30, 2024		<u>66,554</u>

Fund 3482 - Special Reclamation Water Trust Fund

Beginning Cash at July 1, 2023		154,739,346
Revenues:		
Fees	11,996,364	
Investment Earnings	19,835,782	
TOTAL REVENUE		31,832,146
Expenditures:		
Fund Transfer	8,290,000	
TOTAL EXPENDITURES		<u>8,290,000</u>
Ending Cash at June 30, 2024		<u>178,281,492</u>

STATEMENT OF RECEIPTS AND DISBURSEMENTS
FISCAL YEAR 2024

Total Exp 493,246
Total Rev 537,690

3484 - Highway Litter Control Program

Beginning Cash at July 1, 2023	786,646	
Revenues:		
Fees	500,000	
TOTAL REVENUE		500,000
Expenditures:		
Personal Services & Benefits	308,595	
Professional Services	2,497	
Other	129,604	
Grants/Loans	30,650	
TOTAL EXPENDITURES		471,346
Ending Cash at June 30, 2024		815,300

Fund 3486 - Litter Control Fund

Beginning Cash at July 1, 2023	22,656	
Revenues:		
Fees	19,853	
Prior Year Expiring Funds	17,837	
TOTAL REVENUE		37,690
Expenditures:		
Grants/Loans	21,900	
TOTAL EXPENDITURES		21,900
Ending Cash at June 30, 2024		38,446

STATEMENT OF RECEIPTS AND DISBURSEMENTS
FISCAL YEAR 2024

Total Exp 3,152,999
Total Rev 3,005,472

3487 - Recycling Assistance Fund

Beginning Cash at July 1, 2023 2,241,232

Revenues:

Fees 2,293,731
Prior Year Expiring Funds 152,399

TOTAL REVENUE 2,446,130

Expenditures:

Personal Services & Benefits 446,459
Professional Services 24,557
Other 165,424
Grants/Loans 1,911,671

TOTAL EXPENDITURES 2,548,111

Ending Cash at June 30, 2024 **2,139,251**

Fund 3488 - Shiloh Environmental and Landfill Trust

Beginning Cash at July 1, 2023 0

Revenues:

Investment Earnings 0

TOTAL REVENUE 0

Expenditures:

Other 0

TOTAL EXPENDITURES 0

Ending Cash at June 30, 2024 **0**

Fund 3490 - Mountain Top Removal

Beginning Cash at July 1, 2023 875,486

Revenues:

Fees 517,295
Investment Earnings 42,047

TOTAL REVENUE 559,342

Expenditures:

Personal Services & Benefits 404,773
Professional Services 44
Other 72,157
Fund Transfer 127,914

TOTAL EXPENDITURES 604,888

Ending Cash at June 30, 2024 **829,940**

STATEMENT OF RECEIPTS AND DISBURSEMENTS
FISCAL YEAR 2024

Total Exp 8,225
Total Rev 247,104

Fund 3492 - Bond Pooling Fund

Beginning Cash at July 1, 2023 2,109,314

Revenues:

 Performance Bonds 80,188

TOTAL REVENUE 80,188

TOTAL EXPENDITURES 0

Ending Cash at June 30, 2024 **2,189,502**

Fund 3493 - Quarry Reclamation Fund

Beginning Cash at July 1, 2023 596,822

Revenues:

 Fees 0

 Fines & Penalties 1,651

 Investment Earnings 147,874

TOTAL REVENUE 149,525

TOTAL EXPENDITURES

 Other 9

Ending Cash at June 30, 2024 **746,338**

Fund 3494 - Quarry Inspection and Enforcement Fund

Beginning Cash at July 1, 2023 160,988

Revenues:

 Fees 8,400

 Investment Earnings 8,991

TOTAL REVENUE 17,391

Expenditures:

 Professional Services 24

 Other 8,192

TOTAL EXPENDITURES 8,216

Ending Cash at June 30, 2024 **170,163**

STATEMENT OF RECEIPTS AND DISBURSEMENTS
FISCAL YEAR 2024

Total Exp	2,542,048	Board Exp	2,892,861
Total Rev	2,762,676		

Fund 3275 - Special Revenue Operating Fund

Beginning Cash at July 1, 2023	73,013	
Revenues:		
Funds Transfer	25,674	
TOTAL REVENUE	25,674	
Expenditures:		
Personal Services & Benefits	6,239	
Professional Services	10,688	
Other	7,581	
TOTAL EXPENDITURES	24,507	
Ending Cash at June 30, 2024	74,180	

Fund 3287 - Facilities Operating Expense Fund

Beginning Cash at July 1, 2023	2,070,719	
Expenditures:		
Grants/Loans	(76,098)	
TOTAL EXPENDITURES	(76,098)	
Ending Cash at June 30, 2024	2,146,817	

Fund 3288 - Planning Fund

Beginning Cash at July 1, 2023	3,435,839	
Revenues:		
Fees	2,737,002	
TOTAL REVENUE	2,737,002	
Expenditures:		
Personal Services & Benefits	711,922	
Professional Services	(14,129)	
Other	1,509,621	
Grants/Loans	379,524	
Funds Transfer	6,701	
TOTAL EXPENDITURES	2,593,638	
Ending Cash at June 30, 2024	3,579,203	

STATEMENT OF RECEIPTS AND DISBURSEMENTS
FISCAL YEAR 2024

Total Exp 121,953,406
Total Rev 153,306,963

Fund 3371 -Special Oil and Gas Conservation Fund

Beginning Cash at July 1, 2023		1,108,993
Revenues:		
	Special Conservation Tax	258,580
TOTAL REVENUE		258,580
Expenditures:		
	Personal Services & Benefits	124,784
	Professional Services	28,512
	Other	197,517
TOTAL EXPENDITURES		350,813
Ending Cash at June 30, 2024		1,016,760

Fund 8708 - Federal Funds

Beginning Cash at July 1, 2023		6,579,226
Revenues:		
	Federal Grants	139,120,646
	Miscellaneous	112,947
	Fees	825
	Prior Year Expiring Funds	0
TOTAL REVENUE		139,234,418
Expenditures:		
	Personal Services & Benefits	23,887,857
	Professional Services	8,148,199
	Other	6,569,638
	Reclamation	26,454,751
	Grants/Loans	51,376,911
TOTAL EXPENDITURES		116,437,356
Ending Cash at June 30, 2024		29,376,288

Fund 8796 - Acid Mine Drainage Abatement & Treatment Fund

Beginning Cash at July 1, 2023		111,360,212
Revenues:		
	Investment Earnings	12,199,261
	Operating Funds Transfer	0
	Fees	1,614,704
TOTAL REVENUE		13,813,965
Expenditures:		
	Professional Services	24,451
	Other	31,102
	Personal Services & Benefits	71,611
	Grants/Loans	960,477
	Reclamation	4,077,596
TOTAL EXPENDITURES		5,165,237
Ending Cash at June 30, 2024		120,008,940

STATEMENT OF RECEIPTS AND DISBURSEMENTS
FISCAL YEAR 2024

Total Exp 0
Total Rev 0

Fund 3068 -Mining Mutual Ins Company Fund

Beginning Cash at July 1, 2023	0	
Revenues:		
Statutory Transfer	0	
TOTAL REVENUE	0	
Expenditures:		
Legislative Directed Transfer	0	
TOTAL EXPENDITURES	0	
Ending Cash at June 30, 2024	0	

EXP	279,073,955
REV	382,806,993



west virginia department of environmental protection