



Fiscal Year 2014-15 Annual Report

west virginia



department of environmental protection

Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary

Protecting, Restoring and Supporting Roles in Promoting a Healthy Environment

The West Virginia Department of Environmental Protection's mission is to 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 oil and gas drilling, must be circumspect and fair in regulating industry, permitting extraction of natural resources and protecting the public from hazards of pollution.

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Division of Air Quality

The Division of Air Quality (DAQ) develops and implements regulations and related programs mandated by the federal Clean Air Act 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 FY 2015, DAQ accomplished:

Air Monitoring

- 1) Received U.S. Environmental Protection Agency (EPA) grant of \$446,716, which funded all fine particulate matter-related monitoring, laboratory, and data handling activities. Collected and processed more than 2,252 PM_{2.5} (fine particulate matter, specifically particulate matter less than 2.5 micrometers in size) filter samples.
- 2) Continued to perform particulate metals lab analysis for West Virginia sites, the Washington, D.C., National Air Toxic Trends Site (NATTS), and other states' toxic monitoring sites. Received an EPA grant of \$23,000 to support operation of an Inductively Coupled Plasma Mass Spectrometer (ICP-MS).
- 3) Operated 21 air monitoring sites, including three air toxic sites, two fine particle speciation sites, and a radiation network monitor on behalf of EPA's national radiation monitoring program.
- 4) Analysis of lead in particulate matter is conducted by the DAQ laboratory for both the West Virginia and Washington, D.C., sites.
- 5) Established National Core (NCore) air monitoring site in Charleston. The NCore site will be the largest, most comprehensive ambient air monitoring site in West Virginia. Trace gas carbon monoxide, sulfur dioxide, nitrogen oxides, ozone, fine particulate matter and meteorology will be continuously monitored.

Compliance and Enforcement

- 1) Conducted 671 full compliance inspections of air pollution sources, 69 of which were major sources of air pollution, and 35 were synthetic minors.
- 2) Conducted 311 partial evaluations of air pollution sources.
- 3) Reviewed 773 self-monitoring reports from air pollution sources.
- 4) Investigated 591 citizen complaints.
- 5) Inspected 57 asbestos demolition or renovation projects.
- 6) Reviewed 129 source performance tests, stack tests, and Relative Accuracy Test audits.
- 7) Reviewed 200 Title V annual certification reports.

- 8) Issued 43 notices of violation.
- 9) Negotiated 32 consent orders to settle violations.
- 10) Collected almost \$1.5 million due to consent orders.

Hazardous and Solid Waste Air Program (HSWAP)

- 1) Conducted 33 compliance site inspections at hazardous waste air pollution sources.
- 2) Conducted five used and waste oil burner source inspections.
- 3) Assisted in the development/update of the 2014-15 DAQ - HSWAP air rules 45CSR25, 45CSR16, 45CSR34, and 45CSR18.
- 4) Submitted to EPA the required grant reports on the Resource Conservation and Recovery Act (RCRA) and the Clean Air Act (CAA) 111(d)/129 programs.
- 5) Assisted the Division of Water and Waste Management (DWWM) on revisions to the West Virginia RCRA Hazardous Waste State Authorization Program for combustion, thermal treatment, and subparts AA, BB, and CC.
- 6) Worked on ongoing CAA 111(d)/129 plan revisions for commercial industrial solid waste incinerators for EPA approval.

Permitting

Title V Program

- 1) Issued 72 permit revisions, including 17 administrative amendments, 39 minor and 13 significant modifications, and three re-openings.
- 2) Issued 18 renewal permits.
- 3) Issued one initial permit.
- 4) Reviewed five off-permit changes.

New Source Review Program

- 1) Issued 132 Rule 13 construction/modification permits.
- 2) Issued two temporary permits.
- 3) Issued 107 administrative updates to existing permits.
- 4) Issued 270 general permit registrations.
- 5) Rendered 161 decisions on permit determinations.
- 6) Completed 17 withdrawal requests.

Planning

- 1) Throughout much of 2014, staff developed and on Dec. 1 submitted a 60-page comment document to EPA's proposed Clean Power Plan, which sets carbon dioxide emission guidelines for existing power plants. In early 2015, the Legislature enacted a bill which required DAQ to develop a detailed report for the Legislature, which includes a comprehensive analysis of the effect of the rule



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on the state, within 180 days of the rule being finalized. In August 2015, EPA issued the Clean Power Plan.

- 2) On Nov. 25, 2014, EPA finalized approval of DAQ's request to redesignate Martinsburg as being in-attainment for the annual PM2.5 National Ambient Air Quality Standard (NAAQS).
- 3) In August 2013, EPA designated the Marshall County area (comprised of the Clay, Franklin and Washington tax districts) as nonattainment for the 2010, one-hour sulfur dioxide (SO2) NAAQS. On April 15, 2015, West Virginia submitted three consecutive years of clean data to EPA. It requested a formal determination that the area is in attainment of the SO2 standard.

Small Business Assistance Program (SBAP)

- 1) Provided assistance to 170 small businesses - 85 were in-depth, with 45 being site visits.
- 2) Produced and distributed 48 annual dry cleaner compliance calendars.

Division of Mining and Reclamation

The Division of Mining and Reclamation (DMR) safeguards the environment during coal mining. It ensures prompt compliance and proper reclamation of mining sites, and maintains a statewide database for mining operations.

During FY 2015, DMR accomplished:

Application Type	Total	Affected Acres
Surface Mining Applications (SMA) Issued	286,364	
Surface Mining Permits Issued	16	4,774
Underground Mining Permits Issued	9	130
Other Mining Permits Issued	9	1,277
Quarry Permits Issued	1	99
Quarry Modification	11	
Quarry Annual Bonding	61	
Amendments	5	357
Notices of Intent to Prospect	61	
Withdrawn/Terminated/Denied Applications	22	
Incidental Boundary Revisions	224	-1,150
Permit Renewals	188	
Permit Revisions	415	
Permit Transfers/Merger/Ownership	163	
Operator Assignments	64	
Inactive Status	114	
Incremental Bonding	40	
NPDES Applications Approved	720	
Emergency Warning Plans	89	
Special Land Use	0	
Certifications of Approval for Dams	13	

Inspection and Enforcement	Total	Affected Acres
Inspections	20,905	
Notices of Violation	820	
Conferences	320	
Phase 1 Permit Releases	14	1,463
Phase 2 Permit Releases	4	294
Phase 3 Permit Releases	25	1,228
Prospect Releases	99	
Incremental Releases	28	
Planting Plans	4	
Cessation Orders	101	
Consent Orders	4	
Complaints Investigated	227	
Surface Mine Permits Revoked	14	
NPDES Permits Revoked	0	
NPDES Permits Released	22	

Office of Explosives and Blasting

The Office of Explosives and Blasting (OEB) regulates all surface mine blasting. It administers pre-blast surveys; trains, tests and certifies all surface mine blasters; and manages the claims and arbitration process regarding blasting damage.

During FY 2015, OEB accomplished:

Pre-Blast Surveys Accepted	872
Pre-Blast Surveyors Approved	11
Pre-Blast Surveyors Renewed	13
New Damage Claims Processed	9
Complaints Received	111
Complaints Received With Alleged Damage	52
Inspections	1,225
Violations Issued	47
Cessation Orders Issued	3
Total Exams	100
Total Initial Blasters	11
Total Renewals	117
Total Reciprocity	1



Office of Oil and 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 more than 55,000 oil and gas wells, manages abandoned well plugging and reclamation programs, and ensures surface/ground water protection.

During FY 2015, OOG accomplished:

- 1) Reviewed, processed and issued 1,512 well work permits; 727 of these were for horizontal wells and 588 were plugging permits.
- 2) Conducted 4,942 site inspections.
- 3) Processed 188 complaints.
- 4) Responded to 206 emergencies/spills.
- 5) Issued 222 notices of violation.
- 6) Plugged and/or reclaimed two abandoned wells/sites.
- 7) Expended approximately \$122,889 from the federal Oil Spill Liability Trust Fund.
- 8) Conducted nine abandoned well inspections.
- 9) Conducted 58 underground injection control (UIC) inspections.
- 10) Reviewed and approved 69 UIC mechanical integrity tests.
- 11) Conducted one industry workshop with approximately 250 attendees.

OOG is in actively coordinating with the Groundwater Protection Council for the acquisition of a new data management system, Risk Based Data Management System (RBDMS). This system, which is currently used as a regulatory tool for 23 oil and gas producing states, will replace the existing database and allow for new features.

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 West Virginia Code Chapter 22C, Article 8. The board held two hearings.

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 West Virginia Code Chapter 22, Article 21. It held no hearings.

Division of Water and 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 FY 2015, DWWM accomplished:

Environmental Enforcement

Dam Safety

Reviewed 37 applications or proposals for dam construction, modification or removal; reviewed 133 monitoring and emergency action plans; conducted 207 inspections of all types.

Hazardous Waste

Completed 399 inspections related to hazardous waste facilities; responded to 36 emergency response situations; investigated 74 citizen complaints related to hazardous materials.

Underground Storage Tanks

Conducted 40 closure inspections, 18 installation inspections, and 676 compliance monitoring inspections.

Water and Waste

Conducted 3,149 inspections of solid waste and water pollution control facilities; initiated 128 open dump cleanups; responded to 1,138 citizen complaints.

Aboveground Storage Tanks

Amended Chapter 22 of the West Virginia Code by adding Article 30, the Aboveground Storage Tank Act, in response to the Jan. 9, 2014, chemical spill. A comprehensive web page providing all available information has been established and can be found at: www.dep.wv.gov/tanks

Watershed Improvement Branch

- 1) Awarded 32 grants, totaling \$4.6 million, to partner agencies, local governments, watershed associations, nonprofit organizations, and universities. They were used to implement watershed-related outreach, planning, education, monitoring, and water quality improvement projects. The funding is provided by the EPA through the Section 319 Nonpoint Source and Chesapeake Bay Programs, and DEP.
- 2) Awarded 22 grants, totaling \$99,500, through the West Virginia Stream Partners Program.
- 3) Coordinated and completed projects related to acid mine drainage treatment, agriculture, forestry, on-site septic systems, urban storm water, riparian buffers and tree planting, natural stream restoration, and updating of local stormwater ordinances.
- 4) Committed to five In Lieu Fee projects, which when completed will provide approximately \$10.5 million in affected



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mitigation to replace, protect, and restore streams and wetlands.

- 5) West Virginia Save Our Streams (SOS) coordinated 18 volunteer monitoring workshops, presented at 10 water festivals, and participated in numerous water monitoring events throughout the state. SOS has assumed the role of instructor for the Master Naturalist Program, Envirothon, and Outdoor Classrooms, reaching 4,277 individuals.
- 6) Held 23 workshops, eight water festivals, and 10 outreach events through Project WET (Water Education for Teachers) to reach 3,036 children, parents, and educators with water education.

Permitting

Issued two major and 61 minor individual permits, 76 permit modifications to industrial and municipal facilities, 2,704 general permit registrations, and 97 general registration modifications for a variety of facilities and activities. There were 113 permits transferred.

Groundwater/UIC Program

Issued 33 UIC permits to facilities, including three industrial permits, 23 sewage-related permits, and six storm water permits; and inspected 209 underground injection control (UIC) facilities.

Hazardous Waste Operating Permits

Received one and issued one Hazardous Waste Resource Conservation Recovery Act permit; and received and reviewed five permit modifications.

Corrective Action

In cooperation with the Division of Land Restoration, received/reviewed 42 corrective action submittals, involving the Hazardous and Solid Waste Management Acts; and reviewed 19 Resource Conservation and Recovery Act (RCRA) facility investigations.

Solid Waste

- 1) Issued 12 municipal solid waste landfill permits; issued 829 minor permit modifications; and issued 15 Class D Construction/Demolition Landfill registrations.

Clean Water State Revolving Fund

- 1) Disbursed more than \$62.8 million to communities for municipal sewer projects under construction; disbursed \$1.9 million to nonpoint source pollution control projects; closed new loans on an additional eight municipal construction projects, worth \$86.4 million; and issued nine preliminary binding commitment letters for future loans, worth \$54 million.
- 2) Approved 22 sets of plans and specifications; reviewed 22 Infrastructure and Jobs Development Council applica-

tions; and funded 38 new onsite systems and five agricultural loans through the Onsite Systems Loan Program and Agricultural Water Quality Loan Program.

Quality Assurance

Received applications from 125 laboratories for certification; performed onsite inspections at 83 laboratories; and recertified/certified 132 laboratories.

Watershed Assessment Branch

- 1) Total Maximum Daily Load Development: Collected 2,456* water quality samples from 289 sites on 206 streams in a variety of watersheds, providing 31,631 individual parameter results; received EPA approval for impaired streams in the West Fork River, the South Branch Potomac River and Shenandoah River watersheds.
- 2) Watershed Assessment/Long-term Monitoring Sites: Collected water quality, habitat, and biological information from 130 targeted sites.
- 3) 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.
- 4) Probabilistic: Monitoring; Conducted in the spring and early summer of 2015, which was the third year of the fourth five-year cycle.
- 5) Water Quality Continuous Data Loggers: Deployed at 76 sites on 54 streams.
- 6) Fish Community Data: Collected at more than 51 sites.
- 7) Benthic Macroinvertebrate Data: Collected 321 samples from 228 streams.
- 8) 2014 Lakes: Monitored nine lakes; established 13 sites; and collected 53 samples, with 2,502 individual parameter results.
- 9) 2015 Lakes: Selected nine lakes, with approximately 15 sampling stations targeted.

**This number, as with the other numbers in this section, is derived from WABBASE, our primary database. Some data from FY 2015 may not have been entered at the time these values were queried from the database for this report.*

Water Quality Standards

- 1) Revised and submitted to EPA for approval 47CSR2 Requirements Governing Water Quality Standards rule, removing lower Kanawha River Category A drinking water exemption and a site-specific copper water effect ratio.
- 2) Submitted to EPA for approval the 2014 Triennial Review package.



- 3) Continued to monitor filamentous algae and nutrients in Greenbrier, Cacapon, and South Branch Potomac rivers by sampling, assessing algae levels, and conducting longitudinal surveys throughout 2014 and 2015 summer algae seasons (April-October).
- 4) Inventoried and evaluated 3,200 historical trout surveys, and uploaded surveys into Application Extender document management system.

Certification Program

- 1) Reviewed 206 individual Nationwide 404 permits.
- 2) Issued five individual 401 water quality certifications, three modifications, and three waivers.
- 3) Received and reviewed various documents on hydroelectric power projects in accordance with Federal Energy Regulatory Commission (FERC) licensing requirements.
- 4) Reviewed and approved 12 Nationwide 27 permit stream restoration plans.
- 5) Reviewed and approved 44 Nationwide 39 permits for commercial and institutional developments.
- 6) Reviewed and approved five Section 10 permits.
- 7) Reviewed and approved five Abandoned Mine Lands and Reclamation regional permit projects.
- 8) Reviewed and approved 11 Corps-issued letters of permission.

- 9) Established coordination with Federal Energy Regulatory Commission (FERC) on 12 major proposed pipeline projects.
- 10) Reviewed various mitigation bank documents, including prospectus, instrument, mitigation plans, monitoring plans, modifications, and others.

Water Use Section

- 1) Water Management Plans (WMP) for Horizontal Well Drilling: Reviewed process and decreased the number of unique WMPs created; reviewed and approved 88 unique WMPs (469 wells), along with 36 plan modifications, relating to withdrawal of surface water used in horizontal well drilling operations.
- 2) Water Use Section – Geophysical Groundwater Well Logging: Achieved goal of logging 20 wells. This research will increase knowledge of depths and locations of water bearing fractures to improve future groundwater use throughout the state.
- 3) Water Use Section – Large Quantity Users Survey: The results for the 2014 calendar year were: Thermal electric - 750 billion gallons (BG), Chemical - 132 BG, Public Water Supply - 52 BG, Mining - 17.5 BG, Industrial - 17 BG, Agriculture-Aquaculture - 5.4 BG, Hydro-Fracture plus Recycled - 4.35 BG, Recreation - 1.3 BG, Timber - 1 BG, Petroleum - 332 million gallons (MG) and Bottled Water - 3.3 MG.

Restoring the Environment

Office of Abandoned Mine Lands and Reclamation

The Office of Abandoned Mine Lands and Reclamation (AML&R) 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&R restores land and improves water quality at abandoned or forfeited sites using funding from federal coal taxes.

During FY 2015, AML&R accomplished:

AMD Water Treatment	201,138 gal's on 7 projects
Clogged Steams	1.15 miles
Dangerous Highwalls	21,250 feet
Dangerous Impoundments/Portals	303
Dangerous Piles and Embankments	185.56 acres
Hazardous/Polluted Water Bodies	436
Subsidence	34.71 acres
Dangerous Slides	9.5 acres
Vertical Openings	2
Hazardous Equipment/Facilities	57
Industrial/Residential Waste	20.2

- 1) Planning Section: Sent 18 site environmental assessments to the U.S. Office of Surface Mining (OSM) for authorization to proceed with the projects. There were 56 problem area documents submitted, completed, and incorporated in the national Abandoned Mine Lands Inventory System (AMLIS).
- 2) In-House Design: Completed 14 projects for AML&R and 13 were completed by contract design (consulting firms).
- 3) Investigated 28 emergencies at a total design and construction cost of \$821,618, and investigated 278 citizen complaints. The Board of Risk and Insurance Management (BRIM) investigated 26 complaints.
- 4) Realty Section: Completed right-of-entry for the construction of 31 AML&R regular grant projects and completed exploratory right-of-entry for engineering and design of seven regular grant projects. Right-of-entry was acquired for 28 emergency projects, for a total aggregate of 66 projects addressed.



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- 5) Completed two waterline projects with 100 customers total, and six waterline projects serving 830 customers total. Both projects were made possible through the issuance of sub-grants.

Division of Land Restoration

The Division of Land Restoration (DLR) cleans up sites contaminated by past industrial activity and restores land once disturbed by natural resource extraction.

Office of Special Reclamation

The Office of Special Reclamation (OSR) eliminates abandoned mine hazards due to post-1977 mining operations. This may entail anything from minor to major land restoration and temporary to perpetual water treatment. Its reclamation funds come from coal taxes, civil penalties and bond forfeitures.

During FY 2015, OSR accomplished:

- 1) Provided quarterly progress reports to the Special Reclamation Fund Advisory Council, which met four times.
- 2) Monitored water quality on 52 permits.
- 3) Completed reclamation on nine permits and started reclamation on 10 permits.
- 4) Issued seven reclamation purchase orders, totaling approximately \$4.1 million.
- 5) Reclaimed 622 acres.
- 6) Constructed zero water treatment systems but began construction on five permits.
- 7) Performed 9,387 land and water inspections and 606 construction inspections.

Office of Environmental Remediation

The Office of Environmental Remediation (OER) restores contaminated sites using the best available science. It cleans up leaking underground storage tanks, oversees voluntary remediation, and administers brownfields site remediation and Superfund sites.

During FY 2015, OER accomplished:

- 1) Accepted seven new applications for properties to participate in the program and issued three Certificates of Completion for 14.74 remediated acres of land ready for reuse under the Voluntary Remediation and Redevelopment Act (VRRRA) program. Cumulatively, 147 Certificates of Completion have been issued for 1,368.9 remediated acres of land.
- 2) Provided oversight of the investigation and cleanup of 43 new leaking underground storage tank sites, and completed investigations and closed the active files on 97 leaking underground storage tank sites.

- 3) Performed five remedial actions and six investigations with state funds at state lead Leaking Underground Storage Tank sites, resulting in one completed cleanup.
- 4) Continued working with EPA Region 3 on Superfund actions at six National Priority List Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Superfund sites, including the Sharon Steel/Fairmont Coke and Big John's Salvage site near Fairmont, the Fike-Artel Chemical site in Nitro, the Vienna well field in Wood County, the Ravenswood PCE site, and the Olin-Hanlin Chemical site near New Martinsville. We supported the EPA On-Site Coordinator Program by assisting with remedial activities for four sites in West Virginia, including the Monsanto Kanawha River Project.
- 5) Conducted site assessment activities at eight priority hazardous substance sites; completed eight preliminary assessments for CSX train derailment, Yuma Camp, Gary Dobbs Farm, Tyler County asbestos, Waverly train derailment, Ohio River flood debris, Ohio River MP 125, and Ohio River MP 308.4.
- 6) Worked with EPA Region 3 on the oversight of 42 sites under the Resource Conservation and Recovery Act (RCRA) Corrective Action program; OER is now the lead agency for 19 of the Corrective Action sites.
- 7) Worked with the Department of Defense in the remedial activity for Formerly Used Defense Sites (FUDS) and the Military Munitions Response Program (MMRP). OER works with the Navy, Army Corps of Engineers, Army National Guard, and U.S. Army through a cooperative agreement with West Virginia to remediate sites including Morgantown Ordnance Works, West Virginia Ordnance Works, South Charleston Naval Ordnance Works, and Camp Dawson KD Range.
- 8) Construction of a new synthetic cap at the Marion County Landfill was conducted by the Landfill Closure Assistance Program (LCAP) and is anticipated to be completed by Jan. 31, 2016. Design work for the city of Clarksburg's landfill, Wheeling Landfill, South Charleston Landfill and Kingwood Landfill continued. Additionally, design work for the erosion repair at the Morgan County Landfill and the interim closure cap at the Elkins Randolph Landfill began. Bids for a registered professional engineer to conduct inspections, in accordance with §47-62-3, on the 19 aboveground storage tanks located at 18 Landfill Closure Assistance Program (LCAP) facilities listed under our LCAP program were solicited.



- 9) Currently, there are six subtitle D landfills, which have earthen caps. The subtitle D landfills will be evaluated to determine the cost-effectiveness of synthetic liners after the remaining landfills are capped. Twenty-two landfills, including the six subtitle D ones, are in post-closure status. Post-closure care activities consist of monitoring and maintaining the waste containment systems, and monitoring groundwater to ensure waste is not escaping and polluting the surrounding environment. The required post-closure care period is 30 years from site closure.
- 10) Received and processed 1,451 notifications of excavations from MISS Utility of West Virginia to provide protections from uncontrolled exposures at properties with

established environmental covenants under VRRRA and Superfund programs.

REAP-The Next Generation

The Rehabilitation Environmental Action Plan – The Next Generation (REAP) works to make West Virginia the cleanest state in the nation. Pollution Prevention and Open Dump (PPOD), West Virginia Make It Shine (WVMIS), Adopt-A-Highway/Adopt-A-Spot (AAH/AAS), Clean Streams Initiative, Statewide Recycling and Operation Wildflower are the state's cleanup and beautification programs. They are all housed within DEP, providing citizens with a central location to learn about and participate in volunteer cleanup initiatives.

During FY 2015, REAP accomplished:

	PPOD	AAH/AAS	WVMIS	Operation Wildflower	Recycling	REAP Total
Dumps Eradicated	996		21			1,017
Acres Reclaimed	1,020		683			1,703
Miles of Roadway Cleaned		2,707	191			2,898
Miles of stream Cleaned	38		134			172
Acres of Parks Cleaned			683			683
Miles of Trail Cleaned			45			45
Active AAH Groups		1,453				1,453
Operation Wildflower Plots				121		121
Tons of Litter/Waste Collected	3,242	265	186			3,693
Tons of Scrap Recycled	65		6.83			72
Appliances Recycled	104		307			411
Waste Tires Collected	200,836		2,970			203,806
Tons of Plastic Recycled		0.13				0
Tons of Glass Recycled		0.25				0
Tons of Aluminum Recycled		0.56	0.31			1
Tons of Paper Recycled					322	322
Volunteers Participating	2,500	9,888	5,495			17,883
Recycling Grants Awarded					30	\$1,722,573.47
Covered Electronic Device (CED) Recycling Grants Awarded					30	\$183,416.00
Litter Control Grants Awarded					23	\$54,518.47
Recycling Bin Loan Program					0	0.00



Supporting DEP Offices

Office of Environmental Advocate

The Office of Environmental Advocate (OEA) assists the public in obtaining agency information and technical data, encourages citizen participation during public comment periods, and works closely with DEP offices to develop informational workshops and public forums to address state environmental concerns.

During FY 2015, OEA accomplished:

- 1) Assisted in the development of the Aboveground Storage Tank regulations by welcoming and facilitating input from concerned citizens.
- 2) Continued to participate with government and non-government stakeholder-based workgroups to address state and regional environmental concerns.
- 3) Delivered DEP presentations to public schools, civic, and environmental organizations and community groups, as well as at various outreach events. Those included the West Virginia University Energy and Law Conference, the West Virginia Youth Conservation Camp, and Energy and Sustainable Law Moot Court Competition.
- 4) Participated in DEP Day at the Legislature, West Virginia Earth Day, Watershed Celebration Day, Greenbrier River Watershed Festival, and Wetlands Day.
- 5) Expanded participation in the contested case hearings before the Surface Mine Board and Environmental Quality Board.
- 6) Expanded assistance to citizens and environmental groups by providing technical assistance and clarification of DEP regulations and policies.
- 7) Coordinated information gathering during site visits for citizens to coal mine operations with Article 3 new permit and existing permit renewal applications.
- 8) Worked with the Public Information Office in the development of a system to live stream meetings and contested case hearings of the environmental appeal boards.
- 9) Organized and facilitated meetings between the cabinet secretary and concerned citizens regarding water quality management and protection, air quality, and certification data submitted for regulatory compliance.
- 10) Organized and directed public outreach and environmental education efforts, including paddling the Coal and Hughes rivers.
- 11) Continued to support the work of the DEP Dive Team by participating as a certified diver on information research and gathering.
- 12) Responded to more than 400 inquiries.

Small Business Ombudsman

The Small Business Ombudsman (SBO) assists, educates and promotes the small business community in environmental compliance.

During FY 2015, SBO accomplished:

- 1) Assisted approximately 200 businesses and organizations on permits and enforcement issues related to/including air; oil and gas; groundwater; storm water; industrial wastewater; hazardous and solid waste; climate change; Spill Prevention, Control, and Countermeasure (SPCC) regulations; used oil; aboveground storage tanks and various other topics.
- 2) Participated, assisted, and worked with: the West Virginia Development Office (domestic and international), the West Virginia Small Business Development Center offices, U.S. Small Business Association, Industries of the Future, U.S. EPA, Marshall University, West Virginia University, West Virginia Manufacturing Extension Partnership, and other non-profit and for profit entities.
- 3) Gave numerous talks and speeches regarding environmental issues across the state and nation to a variety of groups, including: West Virginia University, West Virginia Manufacturing Extension Partnership-sponsored state-wide trainings, and many others.
- 4) Managed and submitted to the West Virginia Legislature a \$1 million study on Marcellus Shale drill cuttings. This first-of-its-kind study incorporates concepts from radiation to regression, eco-toxicity to ecology, and represented a collaborative between experts from two universities, two state agencies and numerous other entities.
- 5) Was appointed to and served on the Public Water System Supply Study Commission, as well as the Chemical Release Prevention Program Roadmap Planning Committee.

Public Information Office

The Public Information Office (PIO) provides the public with access to public records, environmental information and educational resources. This includes writing and issuing news releases, coordinating public outreach events and acting as the agency point-of-contact for the media.

During FY 2015, PIO accomplished:

- 1) Composed and published 106 news releases regarding agency action or involvement; responded to roughly 800 website inquiries; received and processed 1,624 Freedom of Information Act requests; and helped facilitate approximately 12 public meetings/hearings, including an October



- Aboveground Storage Tank stakeholders meeting.
- 2) Responded to hundreds of reporter inquiries regarding the Freedom site cleanup, the CSX train derailment, the Appalachian Laboratories decertification, the Danny Webb underground injection control facility permit applications, the EPA's Clean Power Plan proposal, various notices of violation, permit applications and issuances; and numerous other subjects.
 - 3) Launched a Twitter account in September 2014. For FY 2015, we tweeted and retweeted 1,037 times; our tweets were retweeted 784 times and were marked as favorites 403 times; and we gained 576 followers.
 - 4) Worked with DEP's Office of Abandoned Mine Lands and Reclamation and the West Virginia Division of Natural Resources on a public outreach plan for a mobile aquarium that arrived in April 2015 and made its debut at the Trail of Dreams Bass Tournament in Charleston on May 9 of that year.
 - 5) Resurrected "inDEPth," the employee newsletter.
 - 6) Worked with the Environmental Advocate on updating the "Citizen's Guide," which helps the public get familiar with the agency.
 - 7) Produced the fifth edition of the "State of the Environment" report, which highlights issues and trends relating to West Virginia's environment; produced the 22nd edition of the agency's "Annual Report."
 - 8) Developed the capability to live stream video from events to the "Environment Matters" YouTube channel; conducted four live streams from DEP headquarters and one from the Governor's Workforce Summit.
 - 9) Started development of the Media on Demand project, which will allow news outlets to download videos, photos, documents and audio files directly from the DEP website.
 - 10) Enrolled 831 groups in the Youth Environmental Program. This represents 80,319 members from all 55 counties.
 - 11) Had 1,010 attendees at the annual Youth Environmental Day, 191 at Junior Conservation Camp and 78 at the Youth Environmental Conference.
 - 12) Performed energy and greenhouse gas assessments and post-assessment recommendations for Harrison, Jefferson, Kanawha, Mason and Roane counties for 15 local government facilities and five industrial facilities through E3 (Economy, Energy and Environment) program. Cumulative Potential Savings: 6,000,000.00 kilowatt hours (kWh); 2,000.80 one million British thermal units (MMBTU); \$3,000,000.

Business and Technology Office

On July 1, 2014, the agency's administrative enterprises and Information Technology office merged. This new single, more efficient and effective entity is called the Business and Technology Office (BTO).

During FY 2015, BTO accomplished:

- 1) Moved approximately 90 percent of the fund balance in the Acid Mine Drainage and Abatement fund to the Treasurers long term investment pool in September 2014. This has resulted in net investment earnings of \$1.022 million, compared to the previous year's earnings of \$13,157. Total investment earnings for DEP for fiscal year 2015 were \$3.2 million.
- 2) Continued to chair the agency steering committee, which has prioritized IT needs within the DEP. This includes securing environmental databases suitable for individual divisions. The Office of Oil and Gas (OOG) has opted to use Risk Based Data Management System (RBDMS) software, paid for by a grant, which eliminates any cost to DEP.
- 3) Started working with program staff to test and launch the PDF maps application to mobile devices for field use.
- 4) Developed new processes, procedures, reporting mechanisms, and training to effectively use the OASIS system in managing DEP's financial needs.
- 5) Filled a position to act as the agency's record retention point of contact, quality assurance coordinator, and to coordinate key data elements across the agency and within all data systems. To date, this employee has assumed responsibility for and is overseeing the agency's quality assurance program, submission and approval of record retention schedules, and the implementation of an agency-wide document management system.
- 6) Worked with staff from across the agency to implement the enterprise document management system. To date, the Division of Water and Waste Management (DWWM) has implemented the system for permitting and enforcement, Water Quality Standards and 401 Certification. The OOG implemented it for Inspection and Enforcement. The divisions of Air Quality and Mining and Reclamation are in the planning stages of implementing it for permitting and enforcement as well.
- 7) The BTO IT group was renamed IRIS (Integrated Regulatory Information Support) and has implemented a software solution to manage DEP IT issues to facilitate the proper allocation of limited IT resources to the IT issues that are most important to the DEP as an enterprise and to



Supporting DEP Offices

allow for the tracking of IT projects for consistent assignment of work and to assure completion of key IT projects in a consistent, transparent, and effective way.

The IRIS group faced an enormous challenge with the passage of legislation establishing an Aboveground Storage Tank program within the DEP. The group successfully completed the initial stages of building IT infrastructure to support the new program allowing the DWWM to carry out the requirements for establishing that program.

Office of Legal Services

The Office of Legal Services (OLS) represents the agency in permitting and enforcement actions before administrative boards, circuit courts and appellate courts, and provides counsel to DEP offices on regulatory and legislative matters. OLS works

with all divisions and offices in the department to assist with the implementation of regulatory programs.

During FY 2015, OLS accomplished:

- 1) Jointly finalized four federal consent decrees, resulting in approximately \$12.7 million in penalties payable to the state of West Virginia.
- 2) Reached settlement in enforcement actions against coal companies, including civil penalties totaling \$238,560. The fines were for violations of various parameters of NPDES permits, including Selenium, Aluminum, TSS and Iron.
- 3) Represented the Office of Oil and Gas before the Marshall County Circuit Court. The hearing resulted in the conditioning of horizontal well work permits for the protection of the environment.

Boards and Commissions

Air Quality Board

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

During FY 2015, AQB accomplished:

- 1) Maintained filings of four pending appeals.
- 2) Processed updates to the board's website.

Environmental Quality Board

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

During FY 2015, EQB accomplished:

- 1) Filed 18 new appeals and entered 30 orders.
- 2) Held 11 appeal hearings.
- 3) Downloaded notices of appeal and certified records and orders to the board's website.

Oil and Gas Conservation Commission

The Oil and Gas Conservation Commission (OGCC) fosters the exploration, development and conservation of oil and gas resources in the state through its regulation of the drilling of deep oil and gas wells. The OGCC approves drilling permits and

conducts hearings on matters relating to the exploration for or the production of oil and gas from deep wells. Hearings are held to determine the optimum spacing of wells, as well as to pool the interests of royalty owners and operators of a drilling unit. Additionally, the OGCC conducts hearings on matters using lands for the secondary recovery of oil and/or natural gas.

During FY 2015, OGCC accomplished:

- 1) Approved 21 deep wells.
- 2) Held six administrative hearings.
- 3) Collected \$189,754 in leased acreage taxes.
- 4) Managed and maintained oil and gas well performance bonds.

The OGCC members serve as technical advisers on oil and gas issues to the chief of the OOG, to the DEP, and to other state agencies having responsibility to the oil and gas industry.

Surface Mine Board

The Surface Mine Board (SMB) conducts hearings on appeals presented to the board by any party that believes it is aggrieved by a decision of the secretary of the Department of Environmental Protection. Decisions appealed include permits issued, permit applications denied, notices of violation and failure to issue notices of violation for alleged violations of law or regulations.

During FY 2015, SMB accomplished:

- 1) Filed 11 appeals.
- 2) Conducted nine hearings.
- 3) Entered nine orders.



Solid Waste Management Board

The Solid Waste Management Board (SWMB) develops solid waste management plans, makes 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.

The SWMB, an independent entity housed within DEP headquarters, is required to meet four times per year, or upon the request of the chair.

During FY 2015, SWMB accomplished:

- 1) Met 12 times, evaluated and approved 11 Commercial Solid Waste Facility Siting Plans and five Comprehensive Litter and Solid Waste Control Plans; met with 45 local solid waste authorities and municipalities to conduct program reviews, provide technical, financial and business assistance, and promote recycling, market development and planning functions.
- 2) Distributed \$1.45 million in solid waste assessment fees to 50 local and regional solid waste authorities; awarded \$414,000 in grant funds to 29 local SWAs for a variety of improvement projects. Those projects included the implementation of landfill and recycling processing equipment, financial examinations, educational training, and certifications.
- 3) Completed 28 quarterly performance measures and three biennial performance reviews on SWAs operating commercial solid waste facilities to gauge productivity, determine effectiveness and efficiency of facility operations, and identify serious impairments.
- 4) Continued to supersede the Nicholas County Solid Waste Authority due to impairments identified.
- 5) Published the 2015 West Virginia Solid Waste Management Plan two- year update, which is available at: <http://www.state.wv.us/swmb/RMDP/2015-SWMP.pdf>



Financial Statement

2014-15 DEP Annual Report Financial Statement

DISBURSEMENT OF FUNDS BY FUNDING SOURCE FISCAL YEAR 2015	
GENERAL REVENUE:	
PERSONAL SERVICES AND BENEFITS	4,035,159
OTHER	261,161
METH LAB CLEANUP	184,782
DAM SAFETY FUND	221,259
WV STREAM PARTNERS PROGRAM	77,396
WV CONTRIBUTIONS TO RIVER COMMISSIONS	148,485
OWR NON-ENFORCEMENT (TMDL)	931,086
WATER RESOURCES PROTECTION AND MANAGEMENT	496,795
BRIM	56,802
TOTAL DISBURSEMENTS	6,412,927
FEDERAL FUNDING:	
PERSONAL SERVICES AND BENEFITS	20,488,430
OTHER	70,854,569
TOTAL FEDERAL FUNDS DISBURSED	91,343,000
SPECIAL REVENUE-APPROPRIATED:	
PERSONAL SERVICES AND BENEFITS	16,125,700
OTHER	14,160,872
TRANSFERS	14,646,393
TOTAL APPROPRIATED SPL. REVENUE FUNDS DISBURSED	44,932,965
SPECIAL REVENUE-NON APPROPRIATED:	
PERSONAL SERVICES AND BENEFITS	12,766,966
OTHER	89,405,599
TOTAL NON APPRO. SPL. REVENUE FUNDS DISBURSED	102,172,564
TOTAL DISBURSEMENTS	244,861,456
DISBURSEMENT OF FUNDS BY OFFICE FISCAL YEAR 2015	
EXECUTIVE - ADMINISTRATION OFFICE:	
PERSONAL SERVICES AND BENEFITS	5,871,923
OTHER	4,776,054
TOTAL DISBURSEMENTS	10,647,977
OFFICE OF OIL AND GAS	
PERSONAL SERVICES AND BENEFITS	2,958,810
OTHER	951,285
TOTAL DISBURSEMENTS	3,910,094
ABANDONED MINE LANDS AND RECLAMATION	
PERSONAL SERVICES AND BENEFITS	3,926,583
OTHER	41,688,857
TOTAL DISBURSEMENTS	45,615,440
MINING AND RECLAMATION:	
PERSONAL SERVICES AND BENEFITS	14,476,717
OTHER	6,883,207
TOTAL DISBURSEMENTS	21,359,924
AIR QUALITY:	
PERSONAL SERVICES AND BENEFITS	6,144,345
OTHER	1,399,865
TOTAL DISBURSEMENTS	7,544,210
LAND RESTORATION:	
PERSONAL SERVICES AND BENEFITS	5,097,724
OTHER	40,476,329
TOTAL DISBURSEMENTS	45,574,053

WATER AND WASTE MANAGEMENT:	
PERSONAL SERVICES AND BENEFITS	7,877,111
OTHER	95,091,611
TOTAL DISBURSEMENTS	102,968,722
ENVIRONMENTAL ENFORCEMENT:	
PERSONAL SERVICES AND BENEFITS	5,071,616
OTHER	2,169,420
TOTAL DISBURSEMENTS	7,241,036
TOTAL DISBURSEMENTS	244,861,456
STATEMENT OF RECEIPTS AND DISBURSEMENTS FISCAL YEAR 2015	
FUND 3023 - HAZARDOUS WASTE MANAGEMENT FEE FUND	
BEGINNING CASH AT AUGUST 1, 2014*	1,635,793
REVENUES: FEES	662,025
INTEREST ON INVESTMENTS	8,915
TOTAL REVENUE	670,940
EXPENDITURES: PERSONAL SERVICES AND BENEFITS	486,826
OTHER	65,681
TOTAL EXPENDITURES	552,507
ENDING CASH AT JUNE 30, 2015	1,754,226
FUND 3024 - AIR POLLUTION EDUCATION AND ENVIRONMENT FUND	
BEGINNING CASH AT AUGUST 1, 2014*	2,584,606
REVENUES: FINES AND PENALTIES	1,555,180
COURT SETTLEMENT REVENUES	21,450
TOTAL REVENUE	1,576,630
EXPENDITURES: PERSONAL SERVICES AND BENEFITS	777,328
OTHER	634,928
TOTAL EXPENDITURES	1,412,256
ENDING CASH AT JUNE 30, 2015	2,748,981
FUND 3025 - DAM SAFETY REHABILITATION REVOLVING FUND	
BEGINNING CASH AT AUGUST 1, 2014*	1,114,380
REVENUES: INTEREST ON INVESTMENTS	8,622
OPERATING FUNDS TRANSFER	21,580
TOTAL REVENUE	30,202
TOTAL EXPENDITURES	0
ENDING CASH AT JUNE 30, 2015	1,144,582
FUND 3206 - THE DAM SAFETY FUND	
BEGINNING CASH AT JULY 1, 2014	455,670
REVENUES: FOIA	543
PERMITS	14,550
INTEREST ON INVESTMENTS	2,943
OTHER COLLECTIONS/FEES/LICENSES	600
OTHER REGISTRATION FEES	720
OPERATING PERMIT FEES	9,700
PRINTING AND BINDING	25
TOTAL REVENUE	29,081
EXPENDITURES: OTHER	6,899
TOTAL EXPENDITURES	6,899
ENDING CASH AT JUNE 30, 2015	477,852

Department of Environmental Protection



FUND 3217 - LEAKING UNDERGROUND STORAGE TANK RESPONSE FUND		
BEGINNING CASH AT JULY 1, 2014		549,618
REVENUES: OTHER COLLECTIONS/FEES/LICENSES	81	
FEES	99,482	
INTEREST ON INVESTMENTS	1,643	
TOTAL REVENUE		101,206
EXPENDITURES: OTHER	142,518	
TOTAL EXPENDITURES		142,518
ENDING CASH AT JUNE 30, 2015		508,307
FUND 3218 - UNDERGROUND STORAGE TANK INSURANCE FUND		
BEGINNING CASH AT JULY 1, 2014		4,913,426
REVENUES: UST-CAPITALIZATION FEE	100	
TOTAL REVENUE		100
EXPENDITURES: OTHER	287,593	
TOTAL EXPENDITURES		287,593
ENDING CASH AT JUNE 30, 2015		4,625,933
FUND 3220 - GROUNDWATER PROTECTION FUND		
BEGINNING CASH AT JULY 1, 2014		2,414,064
REVENUES: PERMITS	1,030,563	
MISC.	280	
PRIOR YEAR REFUNDS	150	
INTEREST ON INVESTMENTS	11,835	
OTHER COLLECTIONS/FEES/LICENSES	104	
TOTAL REVENUE		1,042,933
EXPENDITURES: PERSONAL SERVICES AND BENEFITS	363,200	
OTHER	286,569	
TOTAL EXPENDITURES		649,769
ENDING CASH AT JUNE 30, 2015		2,807,228
FUND 3222 - GROUNDWATER REMEDIATION FUND		
BEGINNING CASH AT JULY 1, 2014		764,619
REVENUES: INTEREST ON INVESTMENTS	5,333	
FINES AND PENALTIES	11,095	
TOTAL REVENUE		16,428
EXPENDITURES: PERSONAL SERVICES AND BENEFITS	19,554	
OTHER	749	
TOTAL EXPENDITURES		20,303
ENDING CASH AT JUNE 30, 2015		760,745
3255 - PERFORMANCE BOND MONONGALIA CO. LANDFILL FUND		
BEGINNING CASH AT AUGUST 1, 2014*		631,985
REVENUES: INTEREST ON INVESTMENTS	763	
TOTAL REVENUE		763
ENDING CASH AT JUNE 30, 2015		632,747
FUND 3301 - OPERATOR PERMIT FEES FUND		
BEGINNING CASH AT JULY 1, 2014		2,284,652
REVENUES: FOIA	5,121	
OTHER COLLECTIONS/FEES/LICENSES	1,060	
MISC.	614	
FINES AND PENALTIES	542,094	
OPERATING PERMIT FEES	1,556,666	
TOTAL REVENUE		2,105,555
EXPENDITURES: PERSONAL SERVICES AND BENEFITS	1,522,628	
OTHER	309,385	
TOTAL EXPENDITURES		1,832,013
ENDING CASH AT JUNE 30, 2015		2,558,194

FUND 3310 - OIL AND GAS TRUST DEPOSIT FUND		
BEGINNING CASH AT AUGUST 1, 2014*		102,005
REVENUES: INTEREST ON INVESTMENTS	123	
TOTAL REVENUE		123
ENDING CASH AT JUNE 30, 2015		102,128
FUND 3312 - SPECIAL RECLAMATION WATER QUALITY FUND		
BEGINNING CASH AT JULY 1, 2014		2,008,093
REVENUES: ROYALTY INCOME	114	
INSURANCE PROCEEDS-EQUIP. LOSS	1,712	
STATUTORY TRANSFERS	14,400,000	
TOTAL REVENUE		14,401,826
EXPENDITURES: PERSONAL SERVICES AND BENEFITS	1,753,677	
OTHER	12,384,608	
TOTAL EXPENDITURES		14,138,285
ENDING CASH AT JUNE 30, 2015		2,271,633
FUND 3317 - SPECIAL RECLAMATION ADMINISTRATION FUND		
BEGINNING CASH AT JULY 1, 2014		1,722,235
REVENUES: FEES	100	
SNAP PRIOR YEAR REFUNDS	10	
TOTAL REVENUE		110
EXPENDITURES: PERSONAL SERVICES AND BENEFITS	838,345	
OTHER	704,859	
TOTAL EXPENDITURES		1,543,204
ENDING CASH AT JUNE 30, 2015		179,140
FUND 3321 - SPECIAL RECLAMATION TRUST FUND		
BEGINNING CASH AT AUGUST 1, 2014*		77,717,266
REVENUES: BOND FORFEITURES	647,620	
INTEREST ON INVESTMENTS	585,399	
COAL TONNAGE FEES	14,936,957	
FINES AND PENALTIES	801,755	
COURT SETTLEMENT REVENUES	1,750,000	
TOTAL REVENUE		18,721,731
EXPENDITURES: PERSONAL SERVICES AND BENEFITS	740,048	
OTHER	1,620,365	
TRANSFERS	14,400,000	
TOTAL EXPENDITURES		16,760,412
ENDING CASH AT JUNE 30, 2015		79,678,584
FUND 3322 - OIL AND GAS RECLAMATION TRUST		
BEGINNING CASH AT AUGUST 1, 2014*		260,790
REVENUES: WELL WORK PERMIT FEES	133,801	
TOTAL REVENUE		133,801
EXPENDITURES: PERSONAL SERVICES AND BENEFITS	2,328	
OTHER	30,215	
TOTAL EXPENDITURES		32,543
ENDING CASH AT JUNE 30, 2015		362,048
FUND 3323 - OIL AND GAS OPERATING PERMITS		
BEGINNING CASH AT AUGUST 1, 2014*		4,830,572
REVENUES: FOIA	1,444	
MISCELLANEOUS FEES	255	
FINES AND PENALTIES	686,450	
WELL WORK PERMIT FEES	476,450	
HORZNTL WELL CNTRL PRMT FEES	3,795,000	
TOTAL REVENUE		4,959,599
EXPENDITURES: PERSONAL SERVICES AND BENEFITS	2,574,610	
OTHER	1,074,040	
TOTAL EXPENDITURES		3,648,651
ENDING CASH AT JUNE 30, 2015		6,141,520



Financial Statement

FUND 3324 - MINING AND RECLAMATION OPERATIONS FUND		
BEGINNING CASH AT AUGUST 1, 2014*		1,708,790
REVENUES:	INTEREST ON INVESTMENTS	21,155
	FINES AND PENALTIES	5,635,870
	COAL TONNAGE FEES	2,316,371
	GAIN/LOSS SALE OR DISPOSITION	-5,514
	TOTAL REVENUE	7,967,882
EXPENDITURES:	PERSONAL SERVICES AND BENEFITS	2,489,258
	OTHER	712,837
	TOTAL EXPENDITURES	3,202,095
ENDING CASH AT JUNE 30, 2015		6,474,578

FUND 3325 - UNDERGROUND STORAGE TANK ADMINISTRATIVE FUND		
BEGINNING CASH AT AUGUST 1, 2014*		748,755
REVENUES:	FOIA	2,968
	FEES	274,096
	EMPLOYER CONTRIBUTIONS-T1	182
	OTHER COLLECTIONS/FEES/LICENSES	383
	INTEREST ON INVESTMENTS	3,837
	OTHER REGISTRATION FEES	8,365
	FINES AND PENALTIES	70,872
	TOTAL REVENUE	360,703
EXPENDITURES:	PERSONAL SERVICES AND BENEFITS	349,138
	OTHER	13,181
	TOTAL EXPENDITURES	562,319
ENDING CASH AT JUNE 30, 2015		547,138

3326 - HAZARDOUS WASTE MANAGEMENT HG1479 FUND		
BEGINNING CASH AT JULY 1, 2014		702,270
REVENUES:	FOIA	1,512
	OTHER COLLECTIONS/FEES/LICENSES	18,396
	COST RECOVERY FEE	2,832
	HAZARDOUS WASTE PERMITS	500
	FINES AND PENALTIES	196,326
	TOTAL REVENUE	219,566
EXPENDITURES:	PERSONAL SERVICES AND BENEFITS	26,242
	OTHER	109,441
	TOTAL EXPENDITURES	135,683
ENDING CASH AT JUNE 30, 2015		786,153

FUND 3327 - WATER QUALITY MANAGEMENT FUND		
BEGINNING CASH AT JULY 1, 2014		42,189,398
REVENUES:	FOIA	6,282
	SNAP PRIOR YR FUNDS	12,643
	OTHER COLLECTIONS/FEES/LICENSES AND INCOME	27,380
	"IN-LIEU OF" MIT FEES	317,125
	PICK UP SERVICE	2,325
	PRIOR YEAR REFUNDS	250
	FINES AND PENALTIES	5,839,074
	PERMITS	3,334,030
	OTHER COLLECTIONS/FEES/LICENSES	16,891
	COST RECOVERY FEE	9,648
	INTEREST ON INVESTMENTS	225,496
	OPERATING PERMIT FEES	1,837,974
	MISCELLANEOUS	336
	TOTAL REVENUE	11,629,454
EXPENDITURES:	PERSONAL SERVICES & BENEFITS	5,050,891
	OTHER	3,978,051
	TOTAL EXPENDITURES	9,028,942
ENDING CASH AT JUNE 30, 2015		44,789,910

FUND 3328 - CLOSURE COST ASSISTANCE FUND		
BEGINNING CASH AT JULY 1, 2014		22,216,646
REVENUES:	SOLID WASTE ASSESSMENT FEES	8,187,533
	INTEREST ON INVESTMENTS	136,953
	TOTAL REVENUE	8,324,486
EXPENDITURES:	PERSONAL SERVICES AND BENEFITS	1,151,244
	OTHER	5,457,217
	TOTAL EXPENDITURES	6,608,461
ENDING CASH AT JUNE 30, 2015		23,932,671

FUND 3329 - WATER POLLUTION CONTROL REVOLVING FUND		
BEGINNING CASH AT JULY 1, 2014		84,279,409
REVENUES:	PRINCIPAL REPAYMENTS	44,468,932
	STATE MATCHING FUNDS	4,377,600
	INTEREST ON INVESTMENTS	382,738
	INTEREST - LOANS	2,941,287
	OTHER COLLECTIONS/FEES/LICENSES	3,124
	INTERAGENCY FED PAYMENTS	21,856,000
	TOTAL REVENUE	74,029,681
EXPENDITURES:	OTHER	64,644,659
	TOTAL EXPENDITURES	64,644,659
ENDING CASH AT JUNE 30, 2015		93,664,431

FUND 3331 - HAZARDOUS WASTE EMERGENCY AND RESPONSE FUND		
BEGINNING CASH AT AUGUST 1, 2014*		784,204
REVENUES:	COST RECOVERY FEE	27,696
	INTEREST ON INVESTMENTS	1,450
	PRIOR YEAR EXPIRING FUNDS	2,103
	SOLID WASTE ASSESSMENT FEES	603,388
	FINES AND PENALTIES	9,470
	COURT SETTLEMENT REVENUES	647
	TOTAL REVENUE	644,754
EXPENDITURES:	PERSONAL SERVICES AND BENEFITS	390,577
	OTHER	290,264
	TOTAL EXPENDITURES	680,841
ENDING CASH AT JUNE 30, 2015		748,117

FUND 3332 - SOLID WASTE RECLAMATION AND ENVIRONMENTAL RESPONSE		
BEGINNING CASH AT AUGUST 1, 2014*		106,714
REVENUES:	STATUTORY TRANSFERS	339,811
	GAIN/LOSS SALE OR DISPOSITION	-3,073
	SOLID WASTE ASSESSMENT FEES	1,188,210
	OPERATING FUNDS TRANSFER	1,396,959
	FINES AND PENALTIES	27,382
	TOTAL REVENUE	2,949,288
EXPENDITURES:	PERSONAL SERVICES AND BENEFITS	482,933
	OTHER	2,320,083
	TOTAL EXPENDITURES	2,803,016
ENDING CASH AT JUNE 30, 2015		252,986

Department of Environmental Protection



FUND 3333 - SOLID WASTE ENFORCEMENT FUND		
BEGINNING CASH AT AUGUST 1, 2014*		8,600,298
REVENUES:		
PRIOR YEAR EXPIRING FUNDS	668	
FEES	1,000	
FOIA	1,127	
PERMITS	50,500	
SOLID WASTE ASSESSMENT FEES	3,508,935	
TOTAL REVENUE		3,562,230
EXPENDITURES:		
PERSONAL SERVICES AND BENEFITS	2,228,421	
OTHER	622,403	
TRANSFERS	150,000	
TOTAL EXPENDITURES		3,000,825
ENDING CASH AT JUNE 30, 2015		9,161,703
FUND 3336 - AIR POLLUTION CONTROL FUND		
BEGINNING CASH AT AUGUST 1, 2014*		1,886,804
REVENUES:		
FOIA	2,173	
FEES	4,971,308	
PERMITS	702,850	
PRIOR YEAR EXPIRING FUNDS	249	
CERTIFICATE TO OPERATE	373,015	
TOTAL REVENUE		6,049,595
EXPENDITURES:		
PERSONAL SERVICES AND BENEFITS	4,056,139	
OTHER	1,185,055	
TOTAL EXPENDITURES		5,241,194
ENDING CASH AT JUNE 30, 2015		2,695,204
FUND 3337 - GIFTS AND DONATIONS FUND		
BEGINNING CASH AT JULY 1, 2014		105,633
REVENUES:		
MISCELLANEOUS	495	
STREAM GAUGING STATIONS	48,000	
OTHER COLLECTIONS/FEES/LICENSES	2,092	
GIFTS AND DONATIONS	74,366	
TOTAL REVENUE		124,954
EXPENDITURES:		
OTHER	117,832	
TOTAL EXPENDITURES		117,832
ENDING CASH AT JUNE 30, 2015		112,755
FUND 3340 - ENVIRONMENTAL LABORATORY CERTIFICATION FUND		
BEGINNING CASH AT AUGUST 1, 2014*		767,771
REVENUES:		
AUDIT FEES	26,610	
FOIA	130	
PERMITS	15,220	
CERTIFICATE TO OPERATE	343,525	
INTEREST ON INVESTMENTS	3,630	
TOTAL REVENUE		389,116
EXPENDITURES:		
PERSONAL SERVICES AND BENEFITS	219,294	
OTHER	4,070	
TOTAL EXPENDITURES		303,365
ENDING CASH AT JUNE 30, 2015		853,522
FUND 3342 - WATER POLLUTION REVOLVING FUND - ADMIN FEES		
BEGINNING CASH AT JULY 1, 2014		6,938,239
REVENUES:		
ADMINISTRATIVE FEES	2,794,962	
INTEREST ON INVESTMENTS	40,621	
TOTAL REVENUE		2,835,583
EXPENDITURES:		
PERSONAL SERVICES AND BENEFITS	1,592,903	
OTHER	443,054	
TOTAL EXPENDITURES		2,035,957
ENDING CASH AT JUNE 30, 2015		7,737,866

FUND 3345 - SPECIAL RECLAMATION TAX CLEARING ACCOUNT		
BEGINNING CASH AT AUGUST 1, 2014*		5,116,999
REVENUES:		
INTEREST ON INVESTMENTS	-108	
COAL TONNAGE FEES	-947,282	
TOTAL REVENUE		-947,390
TOTAL EXPENDITURES		0
ENDING CASH AT JUNE 30, 2015		4,169,609
FUND 3347 - VOLUNTARY REMEDIATION ADMINISTRATIVE FUND		
BEGINNING CASH AT JULY 1, 2014		1,202,258
REVENUES:		
FOIA	700	
SNAP PRIOR YEAR REFUNDS	46	
VOL. REM. APPLICATION FEE	20,000	
COST RECOVERY FEE	414,675	
OTHER REGISTRATION FEES	4,850	
INTEREST ON INVESTMENTS	5,155	
TOTAL REVENUE		445,426
EXPENDITURES:		
PERSONAL SERVICES AND BENEFITS	253,303	
OTHER	181,038	
TOTAL EXPENDITURES		434,341
ENDING CASH AT JUNE 30, 2015		1,213,344
FUND 3349 - STREAM RESTORATION FUND		
BEGINNING CASH AT AUGUST 1, 2014*		11,355,190
REVENUES:		
STREAM RESTORATION	25,460	
INTEREST ON INVESTMENTS	60,924	
OTHER COLLECTIONS/FEES/ LICENSES & INCOME	348,000	
TOTAL REVENUE		434,384
EXPENDITURES:		
OTHER	2,769,686	
TOTAL EXPENDITURES		2,769,686
ENDING CASH AT JUNE 30, 2015		9,019,887
FUND 3480 COVERED ELECTRONIC DEVICES TAKEBACK FUND		
BEGINNING CASH AT JULY 1, 2014		224,141
REVENUES:		
SNAP PRIOR YEAR REFUNDS	12,476	
DEPARTMENTAL COLLECTIONS	128,025	
TOTAL REVENUE		140,501
EXPENDITURES:		
OTHER	168,416	
TOTAL EXPENDITURES		168,416
ENDING CASH AT JUNE 30, 2015		196,226
FUND 3482 - SPECIAL RECLAMATION WATER TRUST FUND		
BEGINNING CASH AT AUGUST 1, 2014*		40,464,173
REVENUES:		
INTEREST ON INVESTMENTS	2,162,079	
COAL TONNAGE FEES	17,369,799	
TOTAL REVENUE		19,531,878
TOTAL EXPENDITURES		0
ENDING CASH AT JUNE 30, 2015		59,996,051
FUND 3484 - HIGHWAY LITTER CONTROL PROGRAM		
BEGINNING CASH AT JULY 1, 2014		779,988
REVENUES:		
FEES	500,000	
TOTAL REVENUE		500,000
EXPENDITURES:		
PERSONAL SERVICES AND BENEFITS	194,979	
OTHER	181,199	
TOTAL EXPENDITURES		376,178
ENDING CASH AT JUNE 30, 2015		903,809



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FUND 3486 - LITTER CONTROL FUND		
BEGINNING CASH AT AUGUST 1, 2014*		92,092
REVENUES:		
FINES AND FEES	5,591	
MISCELLANEOUS	6,881	
PRIOR YEAR EXPIRING FUNDS	5,404	
TOTAL REVENUE		47,876
EXPENDITURES:		
OTHER	54,518	
TOTAL EXPENDITURES		54,518
ENDING CASH AT JUNE 30, 2015		85,449

FUND 3487 - RECYCLING ASSISTANCE FUND		
BEGINNING CASH AT AUGUST 1, 2014*		2,415,118
REVENUES:		
PRIOR YR. EXPIRING FUNDS	106,910	
SOLID WASTE ASSESS FEES	2,413,553	
TOTAL REVENUE		2,520,463
EXPENDITURES:		
PERSONAL SERVICES AND BENEFITS	331,415	
OTHER	1,895,539	
TOTAL EXPENDITURES		2,226,954
ENDING CASH AT JUNE 30, 2015		2,708,626

FUND 3488 - SHILOH ENVIRONMENTAL AND LANDFILL TRUST		
BEGINNING CASH AT AUGUST 1, 2014*		293,602
REVENUES:		
INTEREST ON INVESTMENTS	354	
TOTAL REVENUE		354
EXPENDITURES:		
TOTAL EXPENDITURES		0
ENDING CASH AT JUNE 30, 2015		293,956

FUND 3490 - MOUNTAIN TOP REMOVAL		
BEGINNING CASH AT AUGUST 1, 2014*		4,270,419
REVENUES:		
FOIA	570	
FEES	475	
BLASTER FEES > 300,000 TONS	938,620	
BLASTER FEES < 300,000 TONS	40,014	
FEES FOR TRAINING	1,080	
MISCELLANEOUS	555	
INTEREST ON INVESTMENTS	29,562	
OTHER REGISTRATION FEES	10,230	
TOTAL REVENUE		1,021,105
EXPENDITURES:		
PERSONAL SERVICES AND BENEFITS	997,385	
OTHER	588,005	
TRANSFERS	96,393	
TOTAL EXPENDITURES		1,681,783
ENDING CASH AT JUNE 30, 2015		3,609,740

FUND 3492 - BOND POOLING FUND		
BEGINNING CASH AT AUGUST 1, 2014*		1,392,150
REVENUES:		
PERFORMANCE BONDS	96,250	
TOTAL REVENUE		96,250
TOTAL EXPENDITURES		0
ENDING CASH AT JUNE 30, 2015		1,488,400

FUND 3493 - QUARRY RECLAMATION FUND		
BEGINNING CASH AT AUGUST 1, 2014*		265,387
REVENUES:		
INTEREST ON INVESTMENTS	10,606	
OTHER COLLECTIONS/FEES/ LICENSES AND INCOME	9,310	
TOTAL REVENUE		19,916
EXPENDITURES:		
TOTAL EXPENDITURES		0
ENDING CASH AT JUNE 30, 2015		285,304

FUND 3494 - QUARRY INSPECTION AND ENFORCEMENT FUND		
BEGINNING CASH AT JULY 1, 2014		66,298
REVENUES:		
INTEREST ON INVESTMENTS	254	
OPERATING PERMIT FEES	17,900	
TOTAL REVENUE		18,154
EXPENDITURES:		
OTHER	1,512	
TOTAL EXPENDITURES		1,512
ENDING CASH AT JUNE 30, 2015		82,941

FUND 8708 - FEDERAL FUNDS		
BEGINNING CASH AT AUGUST 1, 2014*		6,859,877
REVENUES:		
FEDERAL GRANT DIRECT DOD	35,934	
FEDERAL GRANT INDIRECT DOD	6,648	
FEDERAL GRANT DIRECT EPA	0,069,741	
FEDERAL GRANT INDIRECT EPA	1,408,001	
FEDERAL GRANT DIRECT	56,875,291	
FEDERAL GRANT INDIRECT	3,282,665	
FOIA	92	
GAIN/LOSS SALE OR DISPOSITION	-558	
FEMA DIRECT COSTS	54,696	
PRIOR YEAR EXPIRING FUNDS	6,637	
TOTAL REVENUE		91,739,149
EXPENDITURES:		
PERSONAL SERVICES AND BENEFITS	20,488,430	
OTHER	70,378,089	
TOTAL EXPENDITURES		90,866,519
ENDING CASH AT JUNE 30, 2015		7,732,507

FUND 8796 - ACID MINE DRAINAGE ABATEMENT AND TREATMENT FUND		
BEGINNING CASH AT AUGUST 1, 2014*		40,131,820
REVENUES:		
OPERATING FUNDS TRANSFER	10,095,864	
INT. ON INVESTMENTS-SHRT TRM	1,694,125	
TOTAL REVENUE		11,789,989
EXPENDITURES:		
OTHER	476,481	
TOTAL EXPENDITURES		476,481
ENDING CASH AT JUNE 30, 2015		51,445,328

* Appropriated Special Revenue funds are on a 13-month pay cycle.



west virginia



department of environmental protection

Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary

