



*Promoting a healthy
environment*



west virginia department of environmental protection

"DEP protects West Virginia's air, land and water for present and future generations." Randy C. Huffman, DEP Cabinet Secretary

Air, land and Water

Protecting, restoring and supporting roles

Protecting the 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 four 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.

Air Quality

The Division of Air Quality 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.

Water and Waste Management

The Division of Water & Waste Management 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 and solid waste, 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 underground storage tanks.

Mining and Reclamation

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

Explosives and Blasting

The Office of Explosives and Blasting 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.

Oil and Gas

The Office of Oil and Gas monitors all actions related to the exploration, drilling, storage, and production of oil and natural gas. OOG tracks more than 50,000 oil and gas wells, manages abandoned well plugging and reclamation programs, and ensures surface/ground water protection.

Restoring the Environment

Abandoned Mine Lands and Restoration

The Office of Abandoned Mine Lands and Reclamation 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 taxes on coal.

Land Restoration

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

Special Reclamation

The Office of Special Reclamation eliminates abandoned mine hazards due to post-1977 mining operations. This may entail anything from minor to major land restoration and temporary

Promoting a healthy environment

Protecting, restoring and supporting roles

to perpetual water treatment. Its reclamation funds come from coal taxes, civil penalties, and bond forfeitures.

Environmental Remediation

The Office of Environmental Remediation 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.

REAP - The Next Generation

A new generation of REAP was created by Governor Manchin in 2005. It houses all of the state cleanup programs within the West Virginia Department of Environmental Protection. In a unique partnership, the program staff empowers citizens by providing technical, financial, and resource assistance.

PPOD - Pollution Prevention and Open Dump

The Pollution Prevention and Open Dump program inventories and cleans up illegal open dumps across the state. It is responsible for conducting one tire collection event in every county each year. PPOD cleanups are conducted by DEP staff and contractors specializing in open dump removal and reclamation.

Make It Shine

Recruiting volunteers to help clean up West Virginia, REAP supplies cleanup materials, pays disposal costs, and provides logistical support. Cleanups are highlighted by four major events: the Make It Shine Statewide Cleanup, Earth Day, The Ohio River Sweep, and the Great Kanawha River Cleanup.

Adopt-A-Highway

A joint effort of DEP and the Department of Transportation, the program encourages individuals, civic groups and businesses to adopt a two-mile stretch of highway and pick up litter a few times a year. The Adopt-A-Highway program provides safety training, safety vests, garbage bags, and gloves for each cleanup. The Division of Highways removes the trash and honors each group with a set of signs bearing the name of the volunteer group. These signs are placed at the end of each adopted section. Residents age 12 and older are eligible. All age groups are eligible to Adopt-A-Spot of up to a 1/4-mile stretch of a community road.

Operation Wildflower

The program has brought beauty and diversity to West Virginia's highways for many years. More than 250 acres of wildflowers grow on state roads, including sites on every interstate highway.



Statewide Recycling Grant

The program encourages recycling for businesses and individuals. Through education and funding opportunities, the recycling program hopes to reduce the amount of recyclables going to West Virginia landfills. It offers recycling grants and provides litter control grants.

Covered Electronic Devices

The program ensures that manufacturers register their brands with the state. It allows counties and municipalities to apply for CED grants to conduct electronic collection events.

Supporting the DEP offices

Office of Environmental Advocate

The Office of Environmental Advocate assists the public to obtain 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.

Small Business Ombudsman

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

Public Information

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

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Working with DEP employees

Office of Administration

OA provides financial, personnel, procurement and property management services to all of DEP's program offices. OA provides technical assistance to program offices and adheres to statutory and policy directives regarding internal financial and personnel management. It facilitates efficient use of available technology; oversees management of inventory, facilities, records, and vehicles; and develops and oversees various internal policies and procedures.

Information Technology Office

ITO serves DEP's expanding information management needs with two sections: one develops and supports custom programs, and another supports the agency's geographic information

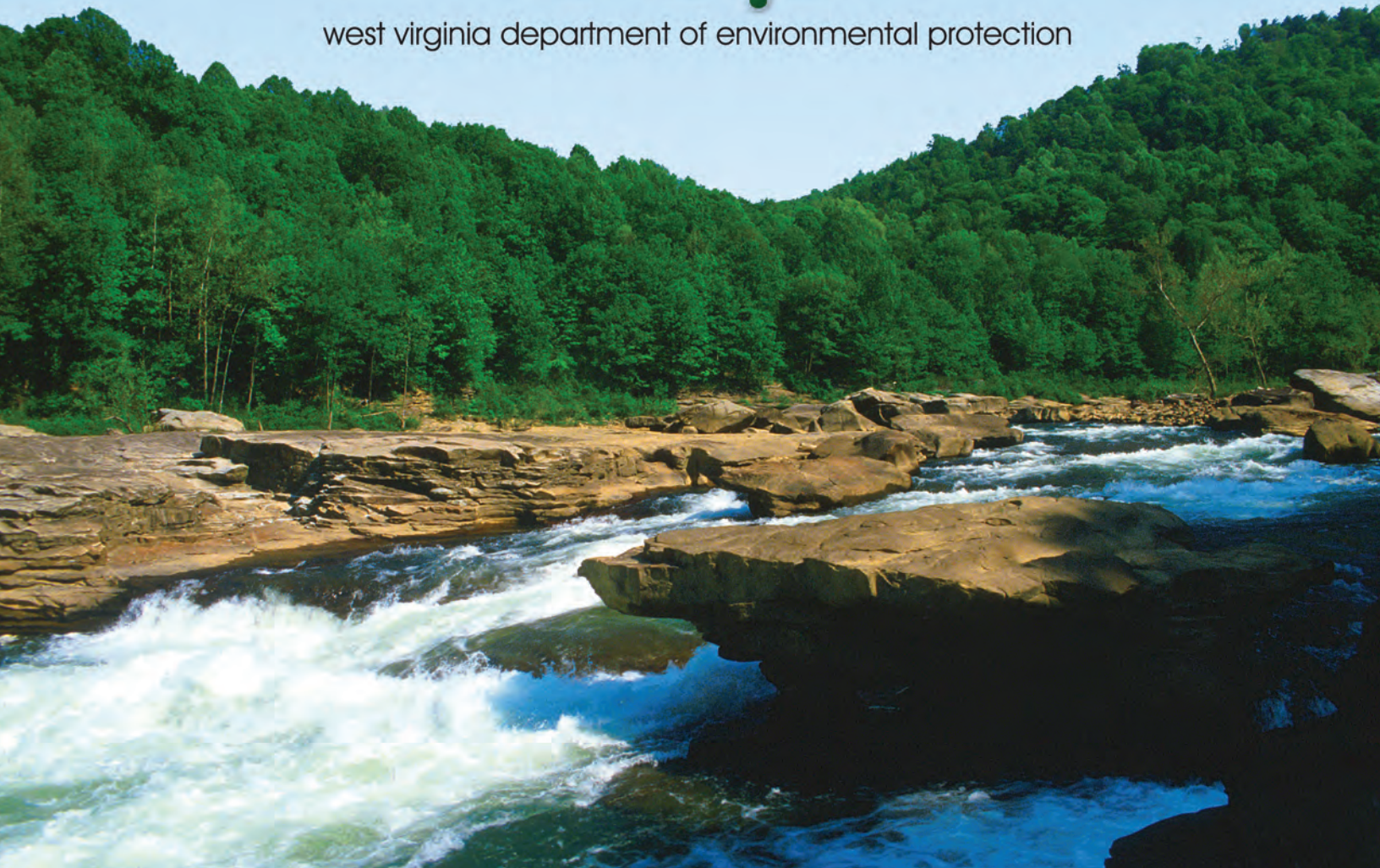
systems and technical computing applications, developing spatial data applications for environmental and business use.

Office of Legal Services

The DEP's Office of Legal Services, comprised of approximately 10 attorneys with supporting paralegals and staff, is devoted to representing the agency's interests before administrative boards, as well as state and federal trial and appellate courts. In addition to its litigation responsibilities, the Office's attorneys provide the agency with legal guidance in regulatory, legislative and policy matters. As a result of their focus, the OLS attorneys and staff have a great depth of experience in and understanding of state and federal environmental laws and their interplay with West Virginia's natural resources.



west virginia department of environmental protection



Annual Report Fiscal Year 2010-2011

west virginia **dep** department of environmental protection

Protecting the environment

The following is a breakdown of the DEP's accomplishments over the 2010-2011 fiscal year by division or office:

Division of Air Quality

DAQ accomplishments in Fiscal Year 2010-2011

Air Monitoring

- 1) Awarded an Environmental Protection Agency grant in the amount of \$446,716, which funded all fine particulate matter-related monitoring, laboratory, and data handling activities. Collected and processed more than 2,300 PM_{2.5} filter samples.
- 2) Continued to perform particulate metals lab analysis for West Virginia sites; the Washington, D.C., national air toxic trends site; and other states' toxic monitoring sites. Received an EPA grant of \$170,000 to replace an ICP-Mass Spectrometer.
- 3) In conjunction with the Northern Panhandle Regional Office, operated 22 air monitoring sites, including three air toxics sites and three fine particle speciation sites, and a radiation network monitor on behalf of EPA's national radiation monitoring program.
- 4) The Northern Panhandle Regional Office completely refurbished an air monitoring site in Marshall County by replacing the environmentally controlled shelter and security fence, installing a sampling platform, and upgrading the electrical service.

Air Toxics Program - Diesel Exhaust Emissions

- 1) Partially off-set replacement costs for five new school buses within the Greenbrier County Schools fleet; this was ahead of the county's normal attrition cycle. The older buses were sold as scrap to ensure they were no longer in use, and the new buses meet the latest EPA engine emission standards.
- 3) Partnered with the West Virginia Department of Transportation's Division of Highways to partially off-set the replacement cost for a diesel dump truck to operate in Upshur County. The fleet logistics of the liquid urea storage and dispensing system, necessary for operation of diesel engines meeting the new 2010 engine emissions standards, will be determined during this pilot project.

Compliance and Enforcement

- 1) Conducted 489 full compliance inspections of air pollution sources, 100 of which were major sources of air pollution.
- 2) Conducted 181 partial evaluations of air pollution sources.
- 3) Addressed 824 citizen complaints.
- 4) Inspected 38 asbestos demolition or renovation projects.
- 5) Reviewed 46 source performance tests, stack tests, and Relative Accuracy Test Audits.
- 6) Reviewed 224 Title V Annual Certification reports.
- 7) Issued 28 notices of violation.
- 8) Issued six cease and desist orders.
- 9) Negotiated 15 consent orders to settle violations.
- 10) Collected \$693,110, as a result of the consent orders.

Hazardous and Solid Waste Air Program

- 1) Issued an approval of Confirmatory Performance Test Plan to one hazardous waste facility.
- 2) Conducted 47 compliance site inspections of hazardous waste air pollution sources.
- 3) Conducted 17 used/waste oil burner source inspections.
- 4) Assisted in the development/update of the 2010 and 2011 DAQ - HSWAP air rules 45 CSR 25, 45 CSR 16 and 34, and 45 CSR 18.
- 5) Submitted to the EPA, the required grant reports on both RCRA and CAA 111(d)/129 programs.

- 6) Assisted the Division of Water and Waste Management on the revisions of the West Virginia Resource Conservation and Recovery Act Hazardous Waste State Authorization Program for combustion, thermal treatment, and subpart AA, BB and CC.
- 7) Prepared and submitted Clean Air Amendments 111(d)/129 modified plan for Hospital/Medical/Infectious Waste Incinerators for approval by EPA.

Outreach

- 1) Distributed 1,000 posters and 300 flyers, regarding the illegal burning of garbage.
- 2) Participated in seven outreach events.

Permitting

Title V program

- 1) Issued one initial facility-wide operating permit.
- 2) Issued 61 permit revisions, including seven administrative amendments, 41 minor and 12 significant modifications, and one reopening.
- 3) Issued 32 renewal permits.
- 4) Reviewed over two source stack tests.

New Source Review program

- 1) Issued 328 permits, with this breakdown:
 - a) 61 Construction/Modifications
 - b) 60 Administrative Updates
 - c) 132 General Permit Registrations
- 2) Rendered 75 decisions on permit determinations.

Planning

- 1) Submitted to EPA a redesignation request for PM_{2.5} for Huntington.
- 2) Submitted to EPA a Clean Data Determination request for PM_{2.5} for Charleston and Weirton.

Small Business Assistance Program

- 1) Provided assistance to 120 customers, 56 in-depth, including 36 site visits.
- 2) Produced and distributed 52 annual Dry Cleaner Compliance Calendars.
- 3) Developed and distributed 250 pamphlets on the Subpart 6H NESHAP dealing with metal Hazardous Air Pollutant emissions from auto body coaters, as well as a companion pamphlet for miscellaneous metal part coaters.
- 4) Developed and distributed 150 posters outlining best management practices in the spirit of the Subpart 6X National Emission Standards for Hazardous Air Pollutants dealing with HAP emissions from facilities that primarily perform metal fabrication.

Division of Mining and Reclamation DMR accomplishments in Fiscal Year 2009-2010

Applications and Permits issued	Total	Affected acres
Surface Mining Application (SMA) Issued	59	12,445.49
Surface Mining Permits Issued	21	6,571.51
Underground Mining Permits Issued	18	554.25
Other Mining Permits Issued	6	891.27
Quarry Permits Issued	1	0
Quarry Modifications	16	
Quarry Annual Bonding	75	
Amendments	18	1,025.46
Notices of Intent to Prospect	166	579.88
Withdrawn/Terminated/Denied Applications	277	

Continued on next page

Applications and Permits issued	Total	Affected acres
Incidental Boundary Revisions	245	431.26
Permit Renewals	174	
Permit Revisions	318	
Permit Transfers/Merger/Ownership	58	
Operator Assignments	74	
Inactive Status	64	
Incremental Bonding	55	
*NPDES Applications Approved	296	
Emergency Warning Plans	80	
Special Land Use	1	
Certification of Approval for Dam	11	
TOTAL	2,033	8,101.88

*Typically excluded EDMR, NPC, NPE, NPO and 401*applications* would increase this number to 1817 NPDES applications approved, increasing total applications and permits issued to 3,554

Inspection and Enforcement

Inspections	21,278	Complaints Investigated	326
Notices of Violation	952	Surface Mine Permits Revoked	5
Conferences	410	NPDES Permits Revoked	0
Phase I Permit Releases	10	NPDES Permits Released	33
Phase II Permit Releases	21	TOTAL	23,344
Phase III Permit Releases	47		
Prospect Releases	154		
Incremental Releases	28		
Planting Plans	4		
Cessation Orders	75		
Consent Orders	1		

Collections

Administrative Civil Penalties Collected	\$687,838.00
Stream Restoration	\$47,604.00
TOTAL	\$735,442.00

Office of Explosives and Blasting

Claims Processed	98	Pre-blast Surveyors renewed	8
Complaints Received	258	Examinations Given	81
Pre-blast surveys, waivers, affidavits accepted	2,584		
Inspections	1,095	CERTIFICATIONS ISSUED	
Violations Issues	43	Initial Blasters Certified	18
Cessation Orders	8	Renewal Blasters Certified	85
Pre-blast Surveyors approved	18	Reciprocity Certifications	2

Division of Water and Waste Management DWWM accomplishments in Fiscal Year 2010-2011

Environmental Enforcement

Dam Safety

- 1) Reviewed 18 applications or proposals for dam construction, modification or removal; reviewed 100 monitoring and emergency action plans; conducted 80 inspections of all types.

Hazardous Waste

- 1) Completed 431 inspections related to hazardous waste facilities; responded to 49 emergency response situations; investigated 147 citizen complaints related to hazardous materials.

Underground Storage Tanks

- 1) 65 closure inspections; 54 installation inspections; 687 compliance monitoring inspections.

Water and Waste

- 1) Conducted 1,967 inspections of solid waste facilities; initiated 168 open dump cleanups; responded to 1,182 citizen complaints.

Nonpoint Source

- 1) Awarded 41 grants, totaling \$ 1.41 million to partner agencies, local governments, watershed associations, nonprofit organizations, and universities to implement nonpoint source outreach, education, monitoring, and water quality improvement projects. The funding is provided by the

EPA through Section 319 Nonpoint Source and Chesapeake Bay Programs. Awarded 29 grants totaling \$136,851 through the West Virginia Stream Partners; coordinated and completed projects in alternative wastewater, acid mine drainage treatment, agriculture, on-site septic systems, urban storm water, riparian buffers, natural stream channel design, and watershed planning.

Permitting

- 1) Issued 19 major and 72 minor individual permits; 104 permit modifications to industrial and municipal facilities; 1,781 general permit registrations; 190 general registration modifications for a variety of facilities and activities; reviewed 244 Individual Regional Landowner Stream Access 404 permit applications; reviewed 218 Nationwide 404 permits, of which 22 were for the Department of Highways.

Groundwater/UIC Program

- 1) Issued 77 underground injection control permits to facilities, including 11 industrial permits, 50 sewage related permits, 10 mining permits and six storm water permits; inspected 248 underground injection control facilities.

401 Certifications

- 1) Developed a Memorandum of Agreement between the DEP and the state Nature Conservancy, and the Canaan Valley Institute to assist with administering and operating the In Lieu Fee Mitigation Program; reviewed and approved 11 nationwide 27 permits stream restoration plans; reviewed 46 emergency watershed protection stream restoration plans, covered under Regional Permit No. 06-R2.

Hazardous Waste

Operating Permits

- 1) Received and issued one Resource Conservation Recovery Act permits; received and reviewed three permit modifications.

Corrective Action

- 1) Received/reviewed 37 corrective action submittals, involving the Hazardous and Solid Waste Act; reviewed one Resource Conservation Recovery Act facility investigations.

Solid Waste

Technical Review

- 1) Issued 19 municipal solid waste landfill permits; issued 542 minor permit modifications; issued 19 Class D registrations.

Clean Water State Revolving Fund

- 1) Disbursed more than \$60.9 million to communities for municipal sewer projects under construction; disbursed \$3.7 million to nonpoint source pollution control projects; new loans were closed on an additional 12 municipal construction projects worth \$51.7 million and issued three preliminary binding commitment letters for future loans, worth \$59.6 million.

Quality Assurance

- 1) Received applications from 134 laboratories for certification; performed onsite inspections at 136 laboratories; recertified 140 laboratories.

Watershed Assessment Branch

- 1) Ambients: collected bi-monthly water quality information for more than 30 parameters from 28 sites on the state's major streams and rivers, 22 sites were sampled bi-monthly; six sites – all in the Monongahela river basin – were sampled monthly. Probabilistic: collected water quality, habitat, and biological data from 81 statewide randomly selected sites, as part of probabilistic monitoring program; (eight were fish sites) TMDL: collected 3,769 water quality samples from 25 sites from the Upper Kanawha watershed, 22 sites for the Dunkard Creek watershed (note: This TMDL was started early); 364 sites from the West Fork watershed (includes 262 bio samples). WAP/LTMS: collected water quality, habitat, and biological information from 113 targeted (excludes TMDL monitoring), these include 51 sites considered Long-term Monitoring Sites, one site regarding AML restoration efforts, and nine sites that were assessed in same time as private consultant to address potential inconsistencies of their efforts. Additional studies: Lakes: 2010 – five lakes, 12 sites, 24 visits; 2011: five lakes, 12 sites, 12 visits. 2010 fecal study: 11 sites, 61 visits

Water Quality Standards

Initiated triennial review of West Virginia Water Quality Standards (Rule 47CSR), which included public meetings, hearings, and a public comment period. Submitted agency approved rule for review and approval by state Legislature during the 2011 session, and finalized legislative approved rule for submittal to EPA. Four public meetings held, continued review of applications for modifications to water quality standards requests, and final review of "Tier 3" stream nomination request.

Water Use Program

- 1) Completed the 2010 large quantity water use certification process including updating the database, creating a new final report form and a new search engine for the database. The hydraulic fracturing water reporting database has been updated and improved including a new search engine and multiple report types that can be generated by date range, API number or operator name. The groundwater monitoring network has been increased to 16 total wells, 15 of which have been logged by geophysical well logging tools. The Water Withdrawal Tool has been revised based on statistical analysis by the USGD and now posted online in a Flex based GIS format. The Annual Report was presented to the West Virginia Joint Legislative Oversight Commission on State Water Resources on Nov. 15, 2010.

401 Certification

- 1) Approved 168 Individual Regional Landowner Stream Access 404 permits; approved 162 Individual Nationwide 404 permits; approved 36 West Virginia Division Of Highways Nationwide 404 permits; issued 12 Individual Water Quality Certifications; implemented the Memorandum Of Agreement between DEP, the West Virginia Nature Conservancy, and the Canaan Valley Institute to assist with administering and operating the In-Lieu Fee Mitigation Program; approved eight Nationwide Permit 27 Stream Restoration Plans and approved four Section 10 permits; approved three regional permits for AML reclamation; received various documents on 10 hydro-electric power projects for review and comment, in accordance with Federal Emergency Regulatory Commission RC licensing requirements; approved 43 emergency watershed protection stream restoration plans covered under Regional Permits No. 06-R2.

Office of Oil and Gas

OOG accomplishments in Fiscal Year 2010-2011

- 1) Reviewed, processed, and issued 1,420 well work permits.
- 2) Conducted 10,514 site inspections.
- 3) Responded to 250 complaints.
- 4) Responded to 76 emergencies.
- 5) Issued 105 notices of violation.
- 6) Plugged and reclaimed 23 abandoned wells and sites.
- 7) Expended \$748,940 (approx) from the federal Oil Spill Liability Trust Fund.
- 8) Conducted and evaluated 50 abandoned well site inspections.
- 9) Conducted 92 Underground Injection Control inspections.
- 10) Reviewed and approved 69 UIC mechanical integrity tests.
- 11) Conducted seven industry training sessions involving 194 attendees.

The Shallow Gas Well Review Board hears and rules on objections from coal owners, regarding the location of proposed shallow well drilling sites. It generally administers the requirements of West Virginia Code Chapter 22C, Article 8 and Procedural Rule Title 50, Series 1.

The Coalbed Methane Review Board hears and rules on objections to or comments on the proposed drilling of coalbed methane wells, applications to establish coalbed methane drilling units, and applicant' requests to stimulate a coal seam in the absence of coal owners' and operators' consent.

Restoring the environment

Abandoned Mine Lands and Reclamation

Funded from a tax levied on the mining of coal, the Office of Abandoned Mine Lands and Reclamation works to restore land and water resources damaged by pre-1977 mining activities.

AML&R accomplishments in Fiscal Year 2010-2011

- 1) Sixty-six site environmental assessments were sent to the Office of Surface Mining for Authorization to Proceed with the projects; submitted, completed, and incorporated 111 problem area documents into the Abandoned Mine Lands Inventory System, a national database; estimated costs for the scope of work and associated construction were submitted for 44 proposed reclamation projects.
- 2) Completed 30 projects using the in-house design teams and consultants on projects for AML, Emergency and Special Reclamation. Began design on 24 projects. Refuse Removal/Enhancement Project Final Designs were completed on 4 sites..
- 3) Investigated complaints deemed emergencies on 34 sites at a total construction cost of \$1,750,096.27; completed 268 citizen complaint investigations statewide.
- 4) Completed right of entry for the construction of 45 projects; completed exploratory right of entry for the engineering design of 61 projects; obtained right-of-entry for the construction of 31 emergency projects.
- 5) Completed three waterline projects through the issuance of sub-grants serving 900 customers; awarded six waterline projects through the issuance of sub-grants serving 570 customers.

Elimination of health and safety hazards for the citizens living in mining areas of the state:

Clogged streams	1.8 acres
Dangerous highwall	7,394 feet
Dangerous impoundments	161
Dangerous piles and embankments	40.5 acres
Hazardous equipment and facilities	19
Portals	60
Subsidence	4.8 acres
Dangerous Slides	16.7 acres
Surface Burning	2 acres
Vertical Openings	5
Waterlines Extensions	Serving 900 customers
AMD set-aside doser projects recovered 39 miles of streams.	

Division of Land Restoration

DLR has three offices: Office of Special Reclamation, Office of Environmental Remediation and Rehabilitation Environmental Action Plan.

DLR accomplishments in Fiscal Year 2010-2011

Special Reclamation

- 1) Provided quarterly progress reports to the Special Reclamation Fund Advisory Council, which met five times.
- 2) Monitored water quality on 43 permits.
- 3) Completed reclamation on 29 permits and started on 10 permits.
- 4) Issued 19 reclamation purchase orders, totaling \$11.2 million.
- 5) Reclaimed 1,138 acres.
- 6) Constructed five water treatment systems and initiated design or construction of 6 acid mine drainage treatment systems.
- 7) Performed 7,027 land and water inspections and investigated six complaints.

Office of Environmental Remediation

- 1) Accepted nine new Voluntary Remediation and Redevelopment Act program applications for properties to participate in the program; issued 10 Certificates of Completion for voluntary remediation sites, which opened an additional 45.18 acres of land, ready for reuse, with cumulative totals of 115 Certificates of Completion and 1229.14 acres.
- 2) Provided oversight of the investigation and cleanup of 60 new leaking underground storage tank sites; completed investigations and closed the active files on 104 leaking underground storage tank sites.
- 3) Continued working with EPA Region 3 on Superfund actions at 10 National

Priority List (NPL) sites, including the Sharon Steel/Fairmont Coke Project XL and Big John's Salvage site near Fairmont, Morgantown Ordnance Works, the Fike-Artel Chemical site in Nitro, Allegheny Ballistics Laboratory in Mineral County, the Vienna well field in Wood County, the Pantasote site in Point Pleasant, the Ravenswood PCE site, the Olin-Hanlin Chemical site near New Martinsville, and the West Virginia Ordnance Works at Point Pleasant.

- 4) Conducted site assessment activities at nine priority hazardous substance sites.
- 5) Worked with EPA Region 3 on the oversight of 29 sites under Resource Conservation and Recovery Act Corrective Action.
- 6) Completed closure work at the Pine Creek -Omar landfill in Logan County; continued closure work at the Moundsville Landfill in Marshall County; initiated work at Big Bear Lake landfill in Preston County and Morgan County Landfill; and continued design work for the remaining sites in the Landfill Closure Assistance Program.
- 7) Received and processed 2,004 notifications of excavations from MISS Utility of West Virginia, to provide protections from uncontrolled exposures at properties with established environmental covenants under the VRRRA and Superfund programs.

REAP

- 1) Partnered with more than 28,000 volunteers; removed nearly 13,000 tons of litter and debris; removed more than 1,300 illegal open dumps from the state's landscapes and cleaned up 325 miles of its streams; collected 339,295 tires.
- 2) Awarded more than \$1.5 million for the Recycling Grants Program to 36 recipients.
- 3) Awarded nearly \$60,000 for the Litter Control Grant Program.
- 4) Awarded more than \$200,000 for the E-cycling Grant Program.

Supporting DEP Offices

Information Technology Office

ITO accomplishments in Fiscal Year 2010-2011

- 1) TAGIS completed production of multiple derived data products from West Virginia University's first LiDAR data. It is deliverable for a multi-county watershed in southern West Virginia.
- 2) TAGIS funded, via the collaborative GeoMine project, replacement geospatial and Citrix infrastructure, and obtained permission to both order and locate new equipment in DEP's Charleston Office.
- 3) Resolved severe performance issues related to increase load resulting from the wide adoption of Our Electronic Permitting and Electronic Discharge Monitor Reporting and aging hardware.
- 4) Purchased hardware to replace aging hardware for e-permitting, Citrix, and ARCGIS systems.
- 5) Installed a DocuLex system, which is a modern document imaging system that replaces the e-cabinet system for the Water section of the Division of Water and Waste Management.

Office of Administration

OA accomplishments in Fiscal Year 2010-2011

- 1) Received the full six percent discount for the 2013 Board of Risk Insurance Management premiums, as a result of the DEP safety program.
- 2) Saved \$5,164 in mail processing costs, as a result of using the electronic-certified for mailing agency correspondence.
- 3) Processed and awarded contracts for \$55 million in FY 11 for reclamation, engineering, and other related services and equipment.
- 4) Audited 12,260 payment transactions with a 98.74 percent acceptance rate from the West Virginia State Auditor's Office.
- 5) Had zero findings on the agency's fiscal year 2010 audit by the Environmental Protection Agency.
- 6) Developed and provided significant outreach efforts to the minority and

small business community encouraging minority, women-owned, and disadvantaged firms to do business with the West Virginia; webinars and onsite conferences were provided, in conjunction with the US Small Business Administration.

- 7) Continued oversight and maximization of interest earnings for agency resulted in interest earnings of \$484,520.
- 8) Offered a transition to management class to employees interested in becoming managers; 24 employees participated.
- 9) Implemented holiday reporting electronically in the current timekeeping system to reduce the use of paper.

Office of Environmental Advocate

OEA accomplishments in Fiscal Year 2010-2011

- 1) Hired two environmental resource analysts to provide the public with better access to Office staff in the northern and southern regions of the state.
- 2) Participated on interagency workgroups with federal agencies, state and local governments, universities, non-profit organizations, and corporations that improved and restored the environment, and encouraged public dialogue.
- 3) Increased attendance at and involvement in public hearings, community meetings, and liaison panels from 81 events in fiscal year 2009-2010 to 152 events in fiscal year 2010-2011.
- 4) Received US EPA award for Best Practices for public outreach and providing input to the Port of Huntington Tri-State Collaborative Initiative.
- 5) Provided comment before the US Chemical Safety Board on potential chemical risks to the Institute community and residents of western Kanawha County.
- 6) Responded to communications from the public, made site visits to communities, and provided technical assistance to citizens trying to understand environmental data.

Office of Legal Services

OLS accomplishments in Fiscal Year 2010-2011

- 1) Settled enforcement action against Arch Coal in federal court with the US Department Of Justice and the Commonwealth of Kentucky for \$1.84 million paid to DEP in civil penalties for violations of effluent limitations.
- 2) Settled enforcement action against various coal companies for \$1.2 million for violations of parameters of National Pollutant Discharge Elimination System permits, including selenium, total iron, and aluminum.
- 3) Entered into a proposed settlement with Mingo Logan Coal Co., in which the company has agreed to pay \$350,000 for unpermitted mine discharges into Proctor Hollow and Buffalo Creek in Logan County; ordered, by consent decree, that \$300,00 be deposited into the DEP's Stream Restoration Fund for the Buffalo Creek Watershed, with the remaining \$50,000 to be used for an annual charitable contribution of \$10,000 for five years to the Buffalo Creek Watershed Association.
- 4) Negotiated civil penalty settlement of \$146,400 against Felman Production, Inc., as a result of strontium metal explosion.; negotiations also resulted in the voluntary application of the "Environmental Management System," which uses a waste minimization program to decrease costs for the facility and improves safety protocols for reductions in insurance costs.
- 5) Collected \$373,795 in assessments from various oil and gas companies.
- 6) Sued the Reynolds Oil Company for Underground Storage Tank Act violations at two different facilities, the Bulk Plant and the Ronceverte Service Station; required Reynold's to pay \$35,081 in civil penalties, and upgrade certain spill and overfill protection devices, and to comply with previously issued administrative Orders For Compliance.
- 7) Settlement enforcement action against Consol Energy in federal court with the US DOJ for \$5.5 million in civil penalties to be paid to DEP and EPA for violations of water quality standards and \$500,000 to be paid to the West Virginia Division of Natural Resources to restore aquatic life in Dunkard Creek; consent decree also requires Consol to construct a new water treatment plant at a cost of approximately \$200 million.
- 8) Settled enforcement action against the Elkins in federal court with the US

DOJ for violations related to Elkins' combined sewer overflows; Elkins paid a civil penalty of \$32,400.00 to DEP and EPA.

Public Information Office

PIO accomplishments in Fiscal Year 2010-2011

- 1) Received 1,552 Freedom Of Information Act requests.
- 2) Published almost 100 press releases; handled approximately one media inquiry a day; edited the PIO Web page on the DEP Web site; attended the weekly state communication meeting.
- 4) Developed, wrote, and produced 12 issues of InDEPth, the agency premier newsletter, which can be found at: <http://www.dep.wv.gov/pio/Pages/default.aspx>.
- 5) Wrote and designed the fourth edition of the State of the Environment report. This report is published every two years.
- 6) Compiled, edited, and designed the agency annual report.
- 7) Had 76,851 members statewide in 862 Youth Environmental Program clubs.
- 8) YEP annual events: a. Youth Environmental Day, May 21, North Bend State Park in Cairo, 951 youth; b. Junior Conservation Camp, for youths ages 11-14, Cedar Lakes Conference Center, 198 youth; c. Youth Environmental Conference, for youths ages 13-18, Twin Falls State Park Resort, Sept. 30-Oct. 2, 31 youth.
- 9) Hired three new district environmental coordinators for YEP.
- 10) West Virginia Sustainable Communities is focused on Gilmer, Fayette, Marion, Wyoming, and McDowell counties. WVSC saved more than 250,000 kilowatt hours of energy, more than 210,000 gallons of water, and more than 1,500 tons of solid waste was prevented from going to a landfill.
- 11) DEP signed an E3-West Virginia Charter with the state Division of Energy, state Manufacturing Extension Partnership, and the West Virginia University Industrial Assessment Center to promote E3 Services to government and industrial facilities.
- 12) Designed the Open Burning poster, Burning Garbage is illegal!, and smaller look-a-like flyers for the agency's Division of Air Quality.

Small Business Ombudsman

SBO accomplishments in Fiscal Year 2010-2011

- 1) Worked with more than 160 businesses and organizations on permit and enforcement assistance issues related to various environmental issues, such as air, oil and gas, water- groundwater, stormwater, industrial wastewater, hazardous and solid waste, climate change, SPCC, and used oil.
- 2) Participated and worked with numerous entities, including the West Virginia Development Office, the WVSBD Offices, US Small Business Association, Industries of the Future, Environmental Protection Agency, US Department Of Transportation, the West Virginia Division Of Highways, Marshall University, West Virginia University, US and West Virginia Energy Departments, West Virginia Automotive Dealers Association representatives from elected officials, and various offices within DEP on various multimedia issues for numerous companies and communities.
- 3) Gave numerous talks and speeches regarding environmental issues around the state to a variety of groups, including WVU-Parkersburg and the West Virginia Solid Waste Authority Annual meeting.

Air Quality Board

The Air 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: Michael Koon, chairman; R. Thomas Hansen, Ph.D., vice chairman; John R. Calvert; Randy C. Curtis, P.E.; Robert C. Orndorff; Omayma Touma, M.D.

AQB accomplishments in Fiscal Year 2010-2011

- 1) Held two administrative meetings and four appeal hearings.
- 2) Filed one new appeal and one order was entered by the board.
- 3) Tracked 28,568 Web site visitors during FY 11.

Environmental Quality Board

EQB accomplishments in Fiscal Year 2010-2011

EQB 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; D. Scott Simonton, P.E., Ph. D., vice chairman; Edward C. Armbrrecht, Jr.; William H. Gillespie; James Van Gundy, Ph.D.

EQB accomplishments in Fiscal Year 2009-2010

- 1) Held three administrative meetings and 19 appeal hearings.
- 2) Filed 45 new appeals and 39 orders were entered by the board.
- 3) Downloaded 39 orders to the Web site database in keyword searchable format.
- 4) Tracked 32,817 Web site visitors during FY11.

Oil and Gas Conservation Commission

OGCC accomplishments in Fiscal Year 2010-2011

Members: Barry K. Lay, chairman and commissioner; Anthony Gum, member; Robert Radabaugh, member; Randy Huffman, ex-officio; James Martin, ex-officio.

OOGC accomplishments in Fiscal Year 2010-2011

- 1) Approved 39 deep well approvals.
- 2) Held 10 administrative hearings.
- 3) Issued 10 orders (exception locations) granting drilling of deep wells.
- 4) Collected \$167,679 in leased acreage taxes.
- 5) Managed and maintained oil and gas well performance bonds.

Surface Mine Board

Board members: Mark Schuerger, chairman, coal industry; Ed Grafton, vice chair, forestry; Don Michael, vice chair, agriculture; James Smith, engineering; Jon Hunter, advocacy of environmental protection; Henry Rauch, water pollution control; Ron Crites, general public interest; Charles K. Meadows II, quarry operations.

SMB accomplishments in Fiscal Year 2010-2011

- 1) Filed 22 appeals
- 2) Met 14 days
- 3) Entered 20 orders

Solid Waste Management Board

SWMB accomplishments in Fiscal Year 2010-2011

- 1) Met 12 times, evaluated and approved four Commercial Solid Waste Facility Siting Plans and seven Comprehensive Litter and Solid Waste Control Plans; met 27 local solid waste authorities and municipalities to conduct program reviews, provide technical, financial and business assistance, promoted recycling, market development, and planning functions; hired a new Executive Director, Mark D. Holstine, P.E., and published the West Virginia Solid Waste Management Plan two year update, which is available on line at: <http://www.state.wv.us/swmb/RMDP/2011StatePlan/2011StatePlan.htm>.
- 2) Distributed \$ 1.2 million in solid waste assessment fees to 50 local and regional solid waste authorities; awarded \$300,000 in grant funds to 30 local SWAs for a variety of improvement projects, including landfill and recycling processing equipment, financial examinations, educational training, and certifications.
- 3) Completed 28 quarterly performance measures and two biennial annual performance reviews on SWA's operating commercial solid waste facilities to gauge productivity, determine effectiveness and efficiency of facility operations, and identify serious impairments.
- 4) Coordinated a collaborative statewide effort for recycling of electronics at 17 reported collection events; collected items at these events included computers, monitors, televisions, fax machines, cell phones, answering machines, and printers; removed more than 370 tons of electronics from the waste stream.

Randy C. Huffman, Cabinet Secretary
West Virginia Department of Environmental Protection

Financial Statement

DISBURSEMENT OF FUNDS

By Funding Source	Fiscal Year 2011
General Revenue:	
Personal Services (incl. increment)	3,218,245
Employee Benefits	976,557
Unclassified	1,240,040
Dam Safety Fund	211,243
WV Stream Partners Program	77,396
WV Contributions to River Commissions	148,485
OWR Non-Enforcement (TMDL)	1,189,155
Water Resources Protection and Management	574,185
BRIM	<u>56,802</u>
Total General Revenue Funds Disbursed	7,692,108
Federal Funding:	
Personal Services (incl. increment)	14,322,253
Employee Benefits	4,588,670
Unclassified	65,434,816
Federal Stimulus	<u>27,174,439</u>
Total Federal Funds Disbursed	111,520,178
Special Revenue-Appropriated:	
Personal Services (incl. increment)	10,508,169
Employee Benefits	3,363,010
Unclassified	<u>22,638,425</u>
Total Appropriated Special Revenue Funds Disbursed	36,509,604
Special Revenue-Non Appropriated:	
Personal Services (incl. increment)	7,514,335
Employee Benefits	2,439,666
Unclassified	<u>82,640,299</u>
Total Non Appropriated Special Revenue Funds Disbursed	92,594,300
TOTAL FUNDS DISBURSED	248,316,190
DISBURSEMENT OF FUNDS By Office	
Executive - Administration Office:	
Personal Services (incl. increment)	5,515,316
Employee Benefits	1,657,815
Unclassified	<u>4,406,471</u>
Total Disbursements	11,579,602
Office of Oil and Gas	
Personal Services (incl. increment)	1,063,026
Employee Benefits	390,201
Unclassified	<u>1,433,974</u>
Total Disbursements	2,887,201
Abandoned Mine Lands and Reclamation	
Personal Services (incl. increment)	2,774,490
Employee Benefits	891,945
Unclassified	<u>45,154,796</u>
Total Disbursements	48,821,231
Mining & Reclamation:	
Personal Services (incl. increment)	9,750,065
Employee Benefits	3,196,185
Unclassified	<u>6,752,915</u>
Total Disbursements	19,699,165
Air Quality:	
Personal Services (incl. increment)	4,714,256
Employee Benefits	1,372,542
Unclassified	<u>2,140,421</u>
Total Disbursements	8,227,219
Land Restoration:	
Personal Services (incl. increment)	3,276,914
Employee Benefits	1,098,807
Unclassified	<u>28,292,478</u>
Total Disbursements	32,668,199
Water and Waste Management:	
Personal Services (incl. increment)	7,586,528
Employee Benefits	2,381,189
Unclassified	<u>110,705,027</u>
Total Disbursements	120,672,744
Environmental Enforcement:	
Personal Services (incl. increment)	1,814,923
Employee Benefits	665,131
Unclassified	<u>1,280,775</u>
Total Disbursements	3,760,829
TOTAL DISBURSEMENTS	248,316,190

STATEMENT OF RECEIPTS AND DISBURSEMENTS FY 2011

Fund 3023 - Hazardous Waste Management Fee Fund		3255 - Performance Bond Monongalia Co. Landfill Fund	
Beginning Cash at August 1, 2010	653,038	Beginning Cash at July 1, 2010	628,512
Revenues: Permits	6,075	Revenues:	
Fees	636,129	Investment Earnings	<u>1,175</u>
Investment Earnings	1,640	TOTAL REVENUE	<u>1,175</u>
Prior year expiring funds	<u>0</u>	Ending Cash at June 30, 2011	629,687
TOTAL REVENUE	643,844	Fund 3301 - Operator Permit Fees Fund	
Expenditures:		Beginning Cash at July 1, 2010	2,382,427
Personal Services	263,281	Revenues:	
Benefits	76,962	FOIA	15,179
Unclassified	<u>76,165</u>	Examination Fees	165
TOTAL EXPENDITURES	<u>416,408</u>	Misc.	9,527
Ending Cash at July 31, 2011	880,474	Operating Permit Fees	<u>464,960</u>
Fund 3024 - Air Pollution Education and Environment Fund		TOTAL REVENUE	489,831
Beginning Cash at August 1, 2010	1,301,387	Expenditures:	
Revenues:		Personal Services	130,119
Prior Year Expiring Funds		Benefits	44,707
Fines and Penalties	715,810	Unclassified	<u>412,583</u>
Court Settlement Revenues	<u>6,112</u>	TOTAL EXPENDITURES	<u>587,409</u>
TOTAL REVENUE	721,922	Ending Cash at June 30, 2011	2,284,849
Expenditures:		3310 - Oil and Gas Trust Deposit Fund	
Personal Services	178,740	Beginning Cash at July 1, 2010	101,446
Benefits	65,169	Revenues:	
Unclassified	<u>190,343</u>	Investment Earnings	<u>190</u>
TOTAL EXPENDITURES	<u>434,252</u>	TOTAL REVENUE	<u>190</u>
Ending Cash at July 31, 2011	1,589,057	Ending Cash at June 30, 2011	101,636
Fund 3025 - Dam Safety Rehabilitation Revolving Fund		Fund 3312 - Special Reclamation Water Quality Fund	
Beginning Cash at July 1, 2010	351,588	Beginning Cash at July 1, 2010	271,411
Revenues:		Revenues:	
Investment Earnings	1,221	Royalty Income	647
Operating Funds Transfer	<u>359,800</u>	Misc.	30,191
TOTAL REVENUE	361,021	Ins Proceeds-Equip Loss	
TOTAL EXPENDITURES	<u>0</u>	Statutory Transfers	<u>6,300,000</u>
Ending Cash at June 30, 2011	712,609	TOTAL REVENUE	6,330,838
Fund 3206 - The Dam Safety Fund		Expenditures:	
Beginning Cash at July 1, 2010	112,673	Personal Services	953,790
Revenues: FOIA	275	Benefits	336,528
Permits	10,400	Unclassified	<u>5,186,517</u>
Investment Earnings	226	TOTAL EXPENDITURES	<u>6,476,835</u>
Dam Control Permits	600	Ending Cash at June 30, 2011	125,414
Operating Permit Fees	<u>12,560</u>	3317 - Special Reclamation Administration Fund	
TOTAL REVENUE	24,061	Beginning Cash at July 1, 2010	111,351
Expenditures:		Revenues:	
Unclassified	<u>13,826</u>	Statutory Transfers	<u>1,334,000</u>
TOTAL EXPENDITURES	<u>13,826</u>	TOTAL REVENUE	1,334,000
Ending Cash at June 30, 2011	122,908	Expenditures:	
Fund 3217 - Leaking Underground Storage Tank Response Fund		Personal Services	629,151
Beginning Cash at July 1, 2010	309,973	Benefits	213,395
Revenues: FOIA		Unclassified	<u>519,794</u>
Fees	178,526	TOTAL EXPENDITURES	<u>1,362,340</u>
Investment Earnings	<u>642</u>	Ending Cash at June 30, 2011	83,011
TOTAL REVENUE	179,168	Fund 3321 - Special Reclamation Trust Fund	
Expenditures:		Beginning Cash at August 1, 2010	62,572,328
Unclassified	<u>50,161</u>	Revenues: FOIA	60
TOTAL EXPENDITURES	<u>50,161</u>	Bond Forfeitures	603,343
Ending Cash at June 30, 2011	438,980	Administrative Settlement	468,611
Fund 3218 - Underground Storage Tank Insurance Fund		Investment Earnings	123,398
Beginning Cash at July 1, 2010	4,787,157	Prior Year Expiring Funds	
Revenues: Fees	800	Coal Tonnage Fees	18,168,515
UST Capitalization Fee	600	Fines and Penalties	<u>805,018</u>
Investment Earnings	7,373	Court Settlement Revenues	
Statutory Transfers		TOTAL REVENUE	20,168,945
Operating Funds Transfer	<u>0</u>	Expenditures:	
TOTAL REVENUE	8,773	Personal Services	426,124
Expenditures:		Benefits	146,626
Unclassified	1,764,055	Unclassified	<u>12,631,977</u>
TOTAL EXPENDITURES	<u>1,764,055</u>	TOTAL EXPENDITURES	<u>13,204,727</u>
Ending Cash at June 30, 2011	3,031,875	Ending Cash at July 31, 2011	69,536,546
Fund 3220 - Groundwater Protection Fund		Fund 3322 - Oil and Gas Reclamation Trust	
Beginning Cash at July 1, 2010	514,482	Beginning Cash at August 1, 2010	158,815
Revenues: FOIA	24	Revenues:	
Permits	1,215,291	Bond Forfeitures	50,000
Investment Earnings	<u>1,459</u>	Prior Year Expiring Funds	
TOTAL REVENUE	1,216,774	Well Work Permit Fees	<u>184,500</u>
Expenditures:		TOTAL REVENUE	234,500
Personal Services	227,787	Expenditures:	
Benefits	74,107	Personal Services	51,295
Unclassified	<u>170,164</u>	Benefits	15,834
TOTAL EXPENDITURES	<u>472,058</u>	Unclassified	<u>86,457</u>
Ending Cash at June 30, 2011	1,259,198	TOTAL EXPENDITURES	<u>153,586</u>
Fund 3222 - Groundwater Remediation Fund		Ending Cash at June 30, 2011	239,729
Beginning Cash at July 1, 2010	701,578	3323 - Oil and Gas Operating Permits	
Revenues: Admin. Settlement		Beginning Cash at August 1, 2010	2,107,061
Investment Earnings	1,332	Revenues:	
Fines and Penalties	30,098	FOIA	503
TOTAL REVENUE	31,430	Fees	104
Expenditures: Personal Services		Prior Year Expiring Funds	
Benefits		Fines and Penalties	333,563
Unclassified	<u>1,221</u>	Well Work Permit Fees	<u>771,083</u>
TOTAL EXPENDITURES	<u>1,221</u>	TOTAL REVENUE	1,105,253
Ending Cash at June 30, 2011	731,787	Expenditures:	
		Personal Services	548,245

Benefits	226,399		TOTAL REVENUE	68,689,993	Personal Services	139,020
Unclassified	<u>672,857</u>		Expenditures:		Benefits	50,868
TOTAL EXPENDITURES	1,447,501		Personal Services		Unclassified	<u>86,030</u>
Ending Cash at June 30, 2011	1,764,813		Benefits		TOTAL EXPENDITURES	275,918
			Unclassified	64,689,034	Ending Cash at July 31, 2011	313,289
Fund 3324 - Mining and Reclamation Operations Fund			TOTAL EXPENDITURES	<u>64,689,034</u>		
Beginning Cash at August 1, 2010	7,868,754		Ending Cash at June 30, 2011	90,045,002	Fund 3342 - Water Pollution Revol Fd - Admin Fees	
Revenues:					Beginning Cash at July 1, 2010	5,106,356
Investment Earnings	13,713		Fund 3331 - Hazardous Waste Emergency and Response Fund		Revenues:	
Prior Year Expiring Funds	641		Beginning Cash at August 1, 2010	570,761	Admin Fees-Revolving Fund	2,065,618
Coal Tonnage Fees	<u>2,833,134</u>		Revenues:		Non-Fed Grants	13,832
Ins Proceeds-Equip Loss			Fees	100	Procds S/L Term Borrowing	1,940
TOTAL REVENUE	2,847,488		Permits	2,318	Investment Earnings	<u>8,123</u>
Expenditures:			Certificate to Operate	2,583	TOTAL REVENUE	2,089,513
Personal Services	2,391,842		Cost Recovery Fee	49,200	Expenditures:	
Benefits	803,787		Misc.	24,818	Personal Services	1,060,009
Unclassified	<u>1,639,402</u>		Investment Earnings	868	Benefits	317,036
TOTAL EXPENDITURES	4,835,031		Prior Yr Expiring Funds		Unclassified	<u>417,651</u>
Ending Cash at July 31, 2011	5,881,211		Solid Waste Assessment Fees	492,899	TOTAL EXPENDITURES	1,794,696
			Fines and Penalties	81,997	Ending Cash at June 30, 2011	5,401,173
Fund 3325 - Underground Storage Tank Administrative Fund			Court Settlement Revenues	<u>963</u>		
Beginning Cash at August 1, 2010	562,676		TOTAL REVENUE	655,766	3345 - Special Reclamation Tax Clearing Account	
Revenues:			Expenditures:		Beginning Cash at July 1, 2010	2,550,228
FOIA	3,739		Personal Services	373,546	Revenues:	
Fees	287,322		Benefits	124,495	Permits	
Permits	124		Unclassified	<u>337,586</u>	Investment Earnings	-311
Certificate to Operate	-14		TOTAL EXPENDITURES	<u>835,627</u>	Coal Tonnage Fees	<u>-633,678</u>
Examination Fees	9,575		Ending Cash at July 31, 2011	390,900	TOTAL REVENUE	-633,989
Misc.	1,180				Expenditures:	
Investment Earnings	1,137		Fund 3332 - Solid Waste Reclamation and Environmental Response		Unclassified	
Prior Year Expiring Funds			Beginning Cash at August	67,885	TOTAL EXPENDITURES	<u>0</u>
Timber & Woods Fees			1, 2010		Ending Cash at June 30, 2011	1,916,239
Fines and Penalties	<u>291,650</u>		Revenues:			
TOTAL REVENUE	594,713		Administrative Settlement		Fund 3347 - Voluntary Remediation Administrative Fund	
Expenditures:			Prior Yr Expiring Funds		Beginning Cash at July 1, 2010	1,443,856
Personal Services	144,081		Solid Waste Assessment Fees	969,805	FOIA	3,010
Benefits	56,908		Operating Funds Transfer	1,222,902	Permits	
Unclassified	<u>132,793</u>		Fines and Penalties	85,288	Vol. Rem. Application Fee	35,600
TOTAL EXPENDITURES	333,782		Fed Fds From Non-state Agency	<u>0</u>	Cost Recovery Fee	320,344
Ending Cash at July 31, 2011	823,607		TOTAL REVENUE	2,277,995	Examination Fees	1,200
			Expenditures:		Misc.	
3326 - Hazardous Waste Management HG1479 Fund			Personal Services	308,982	Investment Earnings	<u>-5,324</u>
Beginning Cash at July 1, 2010	587,100		Benefits	103,356	TOTAL REVENUE	365,478
Revenues: FOIA	2,675		Unclassified	<u>1,933,076</u>	Expenditures:	
Permits	500		TOTAL EXPENDITURES	<u>2,345,414</u>	Personal Services	193,576
Cost Recovery Fee	26,076		Ending Cash at July 31, 2011	466	Benefits	61,999
Hazardous Waste Permits	1,750				Unclassified	<u>167,974</u>
Fines and Penalties	<u>269,157</u>		3333 - Solid Waste Enforcement Fund		TOTAL EXPENDITURES	<u>423,549</u>
TOTAL REVENUE	300,158		Beginning Cash at August 1, 2010	5,915,945	Ending Cash at June 30, 2011	1,385,785
Expenditures:			Revenues:			
Personal Services	51,618		Principal Repayments	22,080	Fund 3349 - Stream Restoration Fund	
Benefits	13,934		Interest on Loans	37	Beginning Cash at August 1, 2010	14,443,074
Unclassified	<u>52,628</u>		FOIA	1,242	Revenues:	
TOTAL EXPENDITURES	118,180		Permits	25,000	Stream Restoration-Mitigation	5,600
Ending Cash at June 30, 2011	769,078		Misc.	135	Investment Earnings	27,602
			Solid Waste Assessmnt Fees	<u>2,861,436</u>	Prior Yr Expiring Funds	509
Fund 3327 - Water Quality Management Fund			TOTAL REVENUE	2,909,930	Fines & Penalties	<u>1,085,633</u>
Beginning Cash at July 1, 2010	13,459,703		Expenditures:		TOTAL REVENUE	1,119,344
Revenues: FOIA	2,537		Personal Services	1,187,963	Expenditures: Unclassified	<u>443,625</u>
Audit Fees	1,221		Benefits	390,629	TOTAL EXPENDITURES	<u>443,625</u>
"In-Lieu Of" Mit Fees	1,060,220		Unclassified	<u>685,573</u>	Ending Cash at July 31, 2011	15,118,793
Fees	9,506		TOTAL EXPENDITURES	2,264,165		
Permits	3,231,519		Ending Cash at July 31, 2011	6,561,710	Fund 3480 Covered Electronic Devices Takeback Fund	
Cost Recovery Fee	4,742				Beginning Cash at July 1, 2010	320,096
Ins. Proceeds-Equip Loss	9,802		Fund 3336 - Air Pollution Control Fund		Revenues: Miscellaneous	
Investment Earnings	25,274		Beginning Cash at August 1, 2010	3,716,903	Departmental Collections	<u>165,000</u>
Witness & Docket Fees	27		Revenues:		TOTAL REVENUE	165,000
Operating Permit Fees	1,520,971		FOIA	662	Expenditures: Unclassified	<u>176,714</u>
Fines and Penalties	1,588,389		Fees	4,191,350	TOTAL EXPENDITURES	<u>176,714</u>
Employer Prem Recoveries	<u>8,000</u>		Permits	270,200	Ending Cash at June 30, 2011	308,382
TOTAL REVENUE	7,462,208		Certificate to Operate	<u>265,140</u>		
Expenditures:			TOTAL REVENUE	4,727,352	Fund 3482 - Special Reclamation Water Trust Fund	
Personal Services	3,440,954		Expenditures:		Beginning Cash at July 1, 2010	3,784,181
Benefits	1,121,862		Personal Services	3,548,177	Investment Earnings	8,816
Unclassified	<u>3,430,795</u>		Benefits	1,006,161	Coal Tonnage Fees	<u>2,100,436</u>
TOTAL EXPENDITURES	<u>7,993,611</u>		Unclassified	<u>1,421,973</u>	TOTAL REVENUE	2,109,252
Ending Cash at June 30, 2011	12,928,300		TOTAL EXPENDITURES	<u>5,976,311</u>	Expenditures:	
Fund 3328 - Closure Cost Assistance Fund			Ending Cash at July 31, 2011	2,467,944	TOTAL EXPENDITURES	<u>0</u>
Beginning Cash at July 1, 2010	14,076,053				Ending Cash at June 30, 2011	5,893,433
Revenues:			Fund 3337 - Gifts and Donations Fund		3484 - Highway Litter Control Program	
FOIA			Beginning Cash at July 1, 2010	198,453	Beginning Cash at July 1, 2010	540,156
Ins. Proceeds-Equip loss	940		Revenues:		Revenues: Fees	<u>500,000</u>
Solid Waste Assessmnt Fees	6,676,699		Misc.		TOTAL REVENUE	500,000
Investment Earnings	<u>27,471</u>		Gifts	183,236	Expenditures:	
TOTAL REVENUE	6,705,110		TOTAL REVENUE	183,236	Personal Services	59,442
Expenditures:			Expenditures:		Benefits	20,549
Personal Services	767,888		Benefits		Unclassified	<u>326,508</u>
Benefits	235,550		Unclassified	<u>165,245</u>	TOTAL EXPENDITURES	<u>406,499</u>
Unclassified	<u>3,667,179</u>		TOTAL EXPENDITURES	<u>165,245</u>	Ending Cash at June 30, 2011	633,657
TOTAL EXPENDITURES	<u>4,670,617</u>		Ending Cash at June 30, 2011	216,444		
Ending Cash at June 30, 2011	16,110,546				Fund 3486 - Litter Control Fund	
			Fund 3340 - Environmental Laboratory Certification Fund		Beginning Cash at August 1, 2010	42,078
3329 - Water Pollution Control Revolving Fund			Beginning Cash at August 1, 2010	209,647	Revenues: Fees	51,002
Beginning Cash at July 1, 2010	86,044,043		FOIA	140	Misc.	<u>-2,763</u>
Revenues:			Audit Fees	47,940	TOTAL REVENUE	53,765
Principal Repayments	385,765		Permits	3,590	Expenditures: Unclassified	<u>32,539</u>
State Matching Funds	6,352,400		Certificate to Operate	327,440	TOTAL EXPENDITURES	<u>32,539</u>
Investment Earnings	166,860		Investment Earnings	450	Ending Cash at July 31, 2011	63,304
Operating Funds Transfer	26,132,796		Prior Yr Expiring Funds	<u>0</u>		
Interagency Fed Payments	35,652,172		TOTAL REVENUE	379,560	3487 - Recycling Assistance Fund	
Fines and Penalties	<u>0</u>		Expenditures:			

Promoting a healthy environment

Beginning Cash at August 1, 2010	1,287,470	Benefits	219,782	Expenditures:	
Revenues: Prior Yr. Expiring Funds	0	Unclassified	<u>808,297</u>	Unclassified	<u>33,453</u>
Solid Waste Assess Fees	1,971,595	TOTAL EXPENDITURES	1,710,469	TOTAL EXPENDITURES	<u>33,453</u>
Court Settlement Revenues	<u>0</u>	Ending Cash at July 31, 2011	5,218,773	Ending Cash at June 30, 2011	63,449
TOTAL REVENUE	1,971,595	3492 - Bond Pooling Fund		Fund 8708 - Federal Funds	
Expenditures:		Beginning Cash at July 1, 2010	1,000,884	Beginning Cash at August 1, 2010	7,425,609
Personal Services	264,485	Revenues:		Revenues: Fed Grant Direct DOD	51,270
Benefits	76,035	Performance Bonds	<u>103,525</u>	Fed Grant Indirect DOD	14,311
Unclassified	<u>1,459,730</u>	TOTAL REVENUE	103,525	Fed Grants Direct EPA	21,354,289
TOTAL EXPENDITURES	<u>1,800,250</u>	Expenditures:		Fed Grants Indirect EPA	1,680,165
Ending Cash at July 31, 2011	1,458,815	Unclassified	<u>0</u>	Fed Grant Direct	59,674,057
Fund 3488 - Shiloh Environmental and Landfill Trust		TOTAL EXPENDITURES	0	Fed Grant Indirect	3,233,427
Beginning Cash at July 1, 2010	291,988	Ending Cash at June 30, 2011	1,104,409	FEMA Direct Costs	
Investment Earnings	<u>546</u>	Fund 3493 - Quarry Reclamation Fund		Prior Year Expiring Funds	18,145
TOTAL REVENUE	546	Beginning Cash at July 1, 2010	240,133	Fed Econ Stimulus 2009	<u>27,165,999</u>
Expenditures: Unclassified	<u>0</u>	Fines and Penalties	887	TOTAL REVENUE	113,191,663
TOTAL EXPENDITURES	<u>0</u>	Investment Earnings	<u>2,367</u>	Expenditures:	
Ending Cash at June 30, 2011	292,534	TOTAL REVENUE	3,254	Personal Services	14,322,254
Fund 3490 - Mountain Top Removal		Expenditures:		Benefits	4,588,672
Beginning Cash at August 1, 2010	5,214,877	Unclassified	<u>0</u>	Unclassified	<u>92,609,252</u>
Revenues: FOIA	94	TOTAL EXPENDITURES	0	TOTAL EXPENDITURES	<u>111,520,178</u>
Fees	1,652,051	Ending Cash at June 30, 2011	243,387	Ending Cash at July 31, 2011	9,097,094
Certificate to Operate	6,760	Fund 3494 - Quarry Inspection and Enforcement Fund		Fund 8796 - Acid Mine Drainage Abatement & Treatment Fund	
Blaster Fees <300,000 Tons	38,446	Beginning Cash at July 1, 2010	50,962	Beginning Cash at July 1, 2010	23,968,656
Fees for Training	5,820	Revenues: FOIA	30	Investment Earnings	47,511
Misc.	1,205	Misc	38	Operating Funds Transfer	<u>6,000,000</u>
Investment Earnings	9,989	Investment Earnings	122	TOTAL REVENUE	6,047,511
Prior Yr. Expiring Funds	<u>0</u>	Operating Permit Fees	<u>45,250</u>	Expenditures: Benefits	
TOTAL REVENUE	1,714,365	TOTAL REVENUE	45,940	Unclassified	<u>1,394,771</u>
Expenditures:				TOTAL EXPENDITURES	<u>1,394,771</u>
Personal Services	682,390			Ending Cash at June 30, 2011	28,621,396

APPROPRIATION BALANCES Fiscal Year 2011

ACTIVITY	APPROPRIATION	EXPENDED	REMAINING BALANCE	ACTIVITY	APPROPRIATION	EXPENDED	REMAINING BALANCE
Fund 0273- ENVIRONMENTAL PROTECTION GENERAL REVENUE FUND				Fund 3333- ENVIRONMENTAL ENFORCEMENT FUND			
001 PERSONAL SERVICES	3,151,599.00	3,151,581.00	18.00	001 PERSONAL SERVICES	1,901,038.00	1,160,363.00	740,675.00
004 INCREMENT	70,954.00	66,662.00	4,292.00	004 INCREMENT	31,380.00	27,600.00	3,780.00
010 EMPLOYEE BENEFITS	976,775.00	976,556.00	219.00	010 EMPLOYEE BENEFITS	743,595.00	391,010.00	352,585.00
068 Water Resource Protection & Management	574,200.00	574,184.00	16.00	099 UNCLASSIFIED	1,210,406.00	685,191.00	525,215.00
097 Reappropriated - balance carried forward	227,037.00	15,030.00	212,007.00	TOTAL	3,886,419.00	2,264,164.00	1,622,255.00
099 UNCLASSIFIED	1,225,075.00	1,225,009.00	66.00	Fund 3336- AIR POLLUTION CONTROL FUND			
607 DAM SAFETY	211,267.00	211,242.00	25.00	001 PERSONAL SERVICES	4,116,572.00	3,502,712.00	613,860.00
637 WW STREAM PARTNERS PROGRAM	77,396.00	77,396.00	0.00	004 INCREMENT	49,910.00	45,465.00	4,445.00
776 WW CONTRIBUTIONS TO RIVER COMMS.	148,485.00	148,485.00	0.00	010 EMPLOYEE BENEFITS	1,337,174.00	1,006,161.00	331,013.00
855 OFF. WATER RESOURCES-NON ENFRMNT	1,189,193.00	1,189,155.00	38.00	099 UNCLASSIFIED	2,307,644.00	1,421,973.00	885,671.00
913 BRIM PREMIUM	56,802.00	56,802.00	0.00	TOTAL	7,811,300.00	5,976,311.00	1,834,989.00
TOTAL	7,908,783.00	7,692,102.00	216,681.00	Fund 3340- ENVIRONMENTAL LABORATORY CERTIFICATION FUND			
Fund 3321- SPECIAL RECLAMATION TRUST FUND				001 PERSONAL SERVICES	160,166.00	137,040.00	23,126.00
001 PERSONAL SERVICES	933,156.00	416,606.00	516,550.00	004 INCREMENT	1,980.00	1,980.00	0.00
004 INCREMENT	11,160.00	9,516.00	1,644.00	010 EMPLOYEE BENEFITS	56,806.00	50,867.00	5,939.00
010 EMPLOYEE BENEFITS	351,585.00	146,626.00	204,959.00	099 UNCLASSIFIED	151,100.00	86,029.00	65,071.00
099 UNCLASSIFIED	16,667,832.00	4,997,977.00	11,669,855.00	TOTAL	370,052.00	275,916.00	94,136.00
426 Transfers to 3312 and 3317 - no affect to appropriation spending limit		7,634,000.00	0.00	Fund 3349- STREAM RESTORATION FUND			
TOTAL	17,963,733.00	13,204,725.00	12,393,008.00	096 UNCLASSIFIED	7,244,023.00	443,624.00	6,800,399.00
Fund 3322- OIL & GAS RECLAMATION TRUST FUND				Fund 3023 - HAZARDOUS WASTE MANAGEMENT FEE FUND			
096 UNCLASSIFIED	674,360.00	153,586.00	520,774.00	001 PERSONAL SERVICES	314,340.00	262,380.00	51,960.00
TOTAL	674,360.00	153,586.00	520,774.00	004 INCREMENT	5,640.00	900.00	4,740.00
Fund 3323- OIL & GAS OPERATING PERMITS				010 EMPLOYEE BENEFITS	119,654.00	76,962.00	42,692.00
001 PERSONAL SERVICES	1,037,657.00	540,709.00	496,948.00	096 UNCLASSIFIED	<u>159,558.00</u>	<u>76,165.00</u>	<u>83,393.00</u>
004 INCREMENT	9,051.00	7,535.00	1,516.00		599,192.00	416,407.00	182,785.00
010 EMPLOYEE BENEFITS	368,752.00	226,398.00	142,354.00	Fund 3024 - AIR POLLUTION EDUCATION AND ENVIRONMENT FUND			
099 UNCLASSIFIED	874,154.00	672,857.00	201,297.00	001 PERSONAL SERVICES	314,794.00	175,860.00	138,934.00
TOTAL	2,289,614.00	1,447,499.00	842,115.00	004 INCREMENT	2,940.00	2,880.00	60.00
Fund 3324- MINING AND RECLAMATION OPERATIONS FUND				010 EMPLOYEE BENEFITS	129,974.00	65,169.00	64,805.00
001 PERSONAL SERVICES	3,685,317.00	2,342,448.00	1,342,869.00	099 UNCLASSIFIED	<u>558,833.00</u>	<u>190,343.00</u>	<u>368,490.00</u>
004 INCREMENT	65,103.00	49,393.00	15,710.00		1,006,541.00	434,252.00	572,289.00
010 EMPLOYEE BENEFITS	1,543,671.00	804,109.00	739,562.00	Fund 3024 - AIR POLLUTION EDUCATION AND ENVIRONMENT FUND			
099 UNCLASSIFIED	3,204,365.00	1,639,080.00	1,565,285.00	001 PERSONAL SERVICES	314,794.00	175,860.00	138,934.00
TOTAL	8,498,456.00	4,835,030.00	3,663,426.00	004 INCREMENT	2,940.00	2,880.00	60.00
Fund 3325- UNDERGROUND STORAGE TANK ADMINISTRATIVE FUND				010 EMPLOYEE BENEFITS	129,974.00	65,169.00	64,805.00
001 PERSONAL SERVICES	269,168.00	141,741.00	127,427.00	099 UNCLASSIFIED	<u>558,833.00</u>	<u>190,343.00</u>	<u>368,490.00</u>
004 INCREMENT	2,340.00	2,338.00	2.00		1,006,541.00	434,252.00	572,289.00
010 EMPLOYEE BENEFITS	90,968.00	56,908.00	34,060.00	Fund 3024 - AIR POLLUTION EDUCATION AND ENVIRONMENT FUND			
099 UNCLASSIFIED	196,796.00	132,792.00	64,004.00	001 PERSONAL SERVICES	314,794.00	175,860.00	138,934.00
TOTAL	559,272.00	333,779.00	225,493.00	004 INCREMENT	2,940.00	2,880.00	60.00
Fund 3331- HAZARDOUS WASTE EMERGENCY AND RESPONSE FUND				010 EMPLOYEE BENEFITS	129,974.00	65,169.00	64,805.00
001 PERSONAL SERVICES	438,397.00	368,179.00	70,218.00	099 UNCLASSIFIED	<u>558,833.00</u>	<u>190,343.00</u>	<u>368,490.00</u>
004 INCREMENT	6,750.00	5,366.00	1,384.00		1,006,541.00	434,252.00	572,289.00
010 EMPLOYEE BENEFITS	171,659.00	124,494.00	47,165.00	Fund 3024 - AIR POLLUTION EDUCATION AND ENVIRONMENT FUND			
099 UNCLASSIFIED	635,576.00	337,586.00	297,990.00	001 PERSONAL SERVICES	314,794.00	175,860.00	138,934.00
TOTAL	1,252,382.00	835,625.00	416,757.00	004 INCREMENT	2,940.00	2,880.00	60.00
Fund 3332- SOLID WASTE RECLAMATION AND ENVIRON. RESPONSE				010 EMPLOYEE BENEFITS	129,974.00	65,169.00	64,805.00
001 PERSONAL SERVICES	554,901.00	302,309.00	252,592.00	099 UNCLASSIFIED	<u>558,833.00</u>	<u>190,343.00</u>	<u>368,490.00</u>
004 INCREMENT	6,672.00	6,672.00	0.00		1,006,541.00	434,252.00	572,289.00
010 EMPLOYEE BENEFITS	187,235.00	103,356.00	83,879.00	Fund 3024 - AIR POLLUTION EDUCATION AND ENVIRONMENT FUND			
099 UNCLASSIFIED	4,022,055.00	1,933,076.00	2,088,979.00	001 PERSONAL SERVICES	314,794.00	175,860.00	138,934.00
TOTAL	4,770,863.00	2,345,413.00	2,425,450.00	004 INCREMENT	2,940.00	2,880.00	60.00
				010 EMPLOYEE BENEFITS	129,974.00	65,169.00	64,805.00
				099 UNCLASSIFIED	<u>558,833.00</u>	<u>190,343.00</u>	<u>368,490.00</u>
				426 TRANSF TO COALFIELD DEV OFFICE (does not affect appropriation spending limit)		<u>420,124.00</u>	<u>0.00</u>
				TOTAL	1,554,150.00	1,710,468.00	263,806.00
				Fund 8708- FEDERAL FUNDS			
				096 UNCLASSIFIED	170,733,192.00	84,345,739.00	86,387,453.00
				891 FEDERAL ECONOMIC STIMULUS	<u>48,947,000.00</u>	27,174,439.00	21,772,561.00
				TOTAL	219,680,192.00	111,520,178.00	108,160,014.00