

**REPORT OF THE
SPECIAL RECLAMATION FUND
ADVISORY COUNCIL**

January 23, 2019



Table of Contents

Executive Summary	3
Recommendation.....	4
Study Issues.....	4
Membership Status of the Special Reclamation Fund Advisory Council.....	5
Background on the Special Reclamation Fund	5
Finances of the Special Reclamation Fund and the SRWTF.....	7
Water Treatment Funding	12
Additional Charges to the Fund Due to NPDES Requirements	13
WVDEP Policy Relevant to the Fund	15
Litigation.....	15
2019 SRFAC Study Issues	19
Consensus Coal Forecast.....	19
Actuarial Analysis of SRF and SRWTF.....	19
Review of Current Investment Strategy.....	19
Continue Review of DMR Database	19
Report Signature Page.....	21
Appendix A: Office of Special Reclamation Graphs	
Appendix B: Bond Forfeiture Inventories	
Acid Mine Drainage Inventory	
Mine Drainage Treatment Prioritization	

EXECUTIVE SUMMARY

The Special Reclamation Fund Advisory Council (the “SRFAC”) was established by the Legislature in 2001 in order to ensure the effective, efficient and financially stable operation of the Special Reclamation Fund (the Fund). (W.Va. Code § 22-1-17). According to W.Va. Code § 22-1-17 the SRFAC shall consist of eight members, including the Secretary of the West Virginia Department of Environmental Protection (WVDEP) or his or her designee, the Treasurer of the State of West Virginia or his or her designee, the Director of the National Mine Land Reclamation Center at West Virginia university and five members to be appointed by the governor with the advice and consent of the Senate.

The Fund is designated by the Legislature for the reclamation and rehabilitation of lands subject to permitted surface mining operations and abandoned after 1977, where the bond posted is insufficient to cover the cost of reclamation. The Fund is presently funded by a tax of 27.9 cents per ton of clean coal mined in West Virginia. From this revenue, funds based on a tax rate of 15 cents per ton are being paid into the Special Reclamation Water Trust Fund (SRWTF), while coal tax revenues based on 12.9 cents per ton are being paid into the Fund. According to W.Va. Code § 22-3-11, “Beginning with the tax period commencing on July 1, 2009, and every two years thereafter, the special reclamation tax shall be reviewed by the Legislature to determine whether the tax should be continued: *Provided*, That the tax may not be reduced until the Fund and SRWTF have sufficient moneys to meet the reclamation responsibilities of the state established in this section.”

The SRWTF was created “for the purpose of assuring a reliable source of capital to construct, operate, and maintain water treatment systems on forfeited sites.” (W.Va. Code § 22-3-11).

The Secretary of the WVDEP is required to conduct formal actuarial studies every two years and conduct informal reviews annually on the Fund and SRWTF. The SRFAC is also required to make a report to the Legislature every year on the financial condition of the Fund. (W.Va. Code § 22-1-17). The report is to include: “A recommendation as to whether or not any adjustments to the special reclamation tax should be made considering the cost, timeliness and adequacy of bond forfeiture reclamation, including water treatment [and] a discussion of the SRFAC 's required study issues.”

In accordance with the statutory requirements, the SRFAC submits the following:

1. Recommendation:

Based upon conclusions drawn from information included in this report, the SRFAC makes the following recommendations to the Legislature:

The SRFAC recommends that the present 12.9 cent per ton tax dedicated to the Fund remain in force and that the tax dedicated to the SRWTF remain at 15 cents per ton. It was previously established by the Council that the Fund would cover all costs for both land reclamation and water treatment through June 2018. Then starting in July 2018, the SRWTF would begin covering the cost for water treatment—both water capital costs and ongoing water treatment costs. In September of 2019 the WVDEP began utilizing the SRWTF to pay for all water treatment cost. To track expenditures of the SRWTF, funds are transferred from the SRWTF to the Fund as needed. This allows the monies in the SRWTF to remain in an investment portfolio that earns higher gains. The SRFAC is notified upon each transfer.

The SRFAC further recommends that the State Legislature form a panel to examine the elements of our State code that result in uncontrolled liabilities, how other states deal with such issues and finally to propose a State legislative initiative to rationalize water quality regulation to meet the conditions of the Federal Clean Water Act while adding rationality and certainty to the process.

The SRFAC recommends that the Legislature continue to examine the implications of the recent court rulings and subsequent lawsuit settlements on the Special Reclamation Fund, Abandoned Mine Lands, and voluntary efforts by citizen-led watershed groups to address historic mining-reclamation related liabilities. The SRFAC further recommends that the Legislature examine the mine reclamation and bonding programs of other states and, as implemented in Tennessee, by the federal Office of Surface Mining in order to determine whether the statute and regulations creating the Fund and SRWTF in West Virginia have inappropriately interpreted SMCRA to require long-term CWA liabilities. The SRFAC further recommends the Legislature examine the separate and distinct authorities of the Clean Water Act (CWA) in assessing the eligibility of future forfeitures for transfer of liabilities to the SRWTF. The SRFAC is concerned about default transfer of water treatment liability to the SRWTF when opportunities exist to pursue responsible parties under the CWA per the requirements of an NPDES (CWA Section 402) permit.

2. 2018 Study issues: The SRFAC is also required to “Identify and define problems associated with the special reclamation fund.” No studies were conducted in 2018.

Membership Status of the Special Reclamation Fund Advisory Council

Currently Mike Sheehan serves as the member representing the Cabinet Secretary of the WVDEP. Carolyn Atkinson serves as the member representing the Treasurer of the State of West Virginia. Dr. Paul Ziemkiewicz serves as the member representing the Director of the National Mine Land Reclamation Center at West Virginia University. Christine Risch, Marshall University, Center for Business and Economic Research, serves as the Actuary/Economist member. Bill Raney serves as the member representing the interests of the coal industry. John Morgan serves as the member representing the interest of environmental protection organizations. Ronald Pauley serves as the member representing the interests of coal miners. Christopher Pence serves as the member representing the interests of the general public.

BACKGROUND ON THE SPECIAL RECLAMATION FUND

In 2001 the legislation establishing the SRFAC also increased the tax on clean coal mined in West Virginia, from three to seven cents per ton (the “Continuing Tax”) and levied an additional seven cents per ton (the “Temporary Tax”), to be deposited into the Fund. The revenues of the Fund were designated to pay for reclamation on post-1977 bond-forfeited sites.

The 2001 legislation provided for the Temporary Tax to be in effect for thirty-nine months. As a result of a 2005 actuarial report finding that the expiration of the Temporary Tax would result in nearly immediate insolvency of the Fund, the Temporary Tax was extended by the Legislature in 2005, for an additional eighteen months. A 2007 actuarial study commissioned by the SRFAC found that the failure to extend the Temporary Tax again would result in insolvency of the Fund. Accordingly, in 2008 the Legislature, through SB 751, created the SRWTF and enacted a temporary, twelve-month tax of 7.4 cents which was to be allocated between the Fund and a SRWTF. Twelve and nine-tenths cents was dedicated to the Fund and 1.5 cents was deposited into the SRWTF. An updated actuarial study in 2008 concluded that terminating the temporary tax would result in insolvency within a few years. In response, in the 2009 legislative session, the Legislature amended W.Va. Code § 22-3-11 to remove the expiration date for the Temporary Tax and provided instead for biennial review of the Tax by the Legislature. (Acts of the Legislature 2009, chapter 216).

Based upon projections under the 2011 Actuarial Analysis performed by Pinnacle Actuarial Resources, Inc. the Fund was found to be sufficiently funded under the existing 12.9 cent tax. However, the SRFAC was concerned that as the SRWTF began making payments for water capital and ongoing water treatment in Fiscal

2018 SRF Advisory Council Annual Report

Year 2019, as projected, the SRWTF would fall into a deficit position in the second year of operation-2020. (2011 Actuarial Valuation, page 3). Declining coal production projected by the 2011 Consensus Coal Production Forecast and the significant increase in water treatment costs resulting from court rulings in two cases were contributing factors in the projected insolvency of the SRWTF. Accordingly, in 2012 the Legislature increased the special reclamation tax to 27.9 cents per ton, 15 cents of which was to be deposited into the SRWTF.

Based upon projections under the 2013 Actuarial Analysis performed by Pinnacle Actuarial Resources, Inc. the Fund was projected to be over 100 percent funded using a 20-year cash flow basis and 95.7 percent funded using a 35-year cash flow basis. The SRWTF was (and is today) accumulating 15 cents per ton coal tax revenue and interest and was projected by the 2013 Actuarial Valuation to be 150.4 percent funded using a 20-year cash flow basis and 89.9 percent funded using a 35-year cash flow basis.

Based on the 2015 Actuarial Analysis conducted by Taylor & Mulder, the Fund was projected to fall to a low of \$51.5 million in 2018. This was due to paying for all reclamation cost for both land and water as well as operation and maintenance cost associated with water treatment. The Fund was projected to then slowly recover to \$187.5 million by the end of the twenty-year study period, at which point an \$8.2 million liability would remain. The SRWTF was expected to accumulate approximately \$120 million by 2018 before beginning to support water reclamation costs in 2019 (*However, it should be noted that as of December 31, 2017 the balance in the SRWTF had only reached \$104 million*). Afterwards, the SRWTF was projected to show gains, reaching \$289.8 million by the end of the twenty-year study period with a \$110.5 million liability remaining. Both funds combined were projected to total approximately \$477.3 million at the end of the twenty-year study period with a total remaining liability of \$118.7 million.

The 2017 Actuarial Analysis conducted by Pinnacle Actuarial Resources, Inc indicated that on a present value basis the Fund is 97.3% funded over a twenty-year projection and 93.6% funded over a thirty-year projection period but indicated that the fund would go into a negative balance in 2021. The SRWTF is 162.6% funded over a twenty-year projection, 151.4% funded over a thirty-year projection period and is fully funded throughout the entire projection period. Combined the two funds are 123.4% and 115.8% funded over twenty and thirty-year projections respectively, and fully funded throughout the entire projection period. Pinnacle determined that a transfer of \$38 million in assets from the SRWTF to the Fund would keep the Fund in a positive balance position throughout the projection period without causing the SRWTF to move into a negative balance.

FINANCES OF THE SPECIAL RECLAMATION FUND & THE SRWTF

This section of the Report to the Legislature outlines the financial status of the Fund for calendar year 2018 and provides comments regarding the future financial position of the Fund and SRWTF. The three key factors that have the most effect on the adequacy of the Fund are the coal production levels in West Virginia, the risk of future forfeitures, and the cost of reclaiming existing and future bond-forfeited sites.

The WVDEP acknowledges that future forfeitures and any water management costs associated with them could affect funding needs of the Fund and the SRWTF. WVDEP is currently working to compile water management and treatment costs on active (still permitted) and revoked sites in order to better inform the actuaries and policy makers in prediction of future water management and treatment costs associated with revoked sites. Additionally, the SRFAC is continuously looking for ways to improve upon the ability to project future forfeitures, which, as is outlined later in this report, will be a focal point of the SRFAC through 2019.

The Office of Surface Mining Reclamation and Enforcement (OSMRE) supports WVDEP's efforts to improve the active mine polluttional inventory to ensure the accuracy of future forfeiture cost projections.

To summarize the data and analysis that follow, it should be noted that the Fund has covered all costs for both land reclamation and water treatment through June 2018. Then in September 2018, the SRWTF began covering the cost for water treatment—both water capital costs and ongoing water treatment costs.

As of December 31, 2018, the Fund has accumulated assets of \$61.6 million while the SRWTF has accumulated \$112.4 million in assets, a 7.95% increase over 2017 SRWTF values. Increased revenues for the SRWTF are attributed to the tax increase in 2012 as well as the improved investment strategy which was initiated in 2013 as described below.

In May of 2013, following numerous discussions between WVDEP personnel and members of the Investment Management Board and the Board of Treasury Investments, the SRFAC was updated on various investment options and made the following recommendations:

2018 SRF Advisory Council Annual Report

The first recommendation was in two parts:

1. That the current balance of the Water Quality (WQ) Trust Fund and all additional revenue of the WQ Trust Fund through Fiscal Year 2018 be invested in the Investment Management Board (IMB) Fixed Income Pool until FY 2019.
2. That WVDEP develops plans to maximize the return on investment for future WQ Trust revenue.

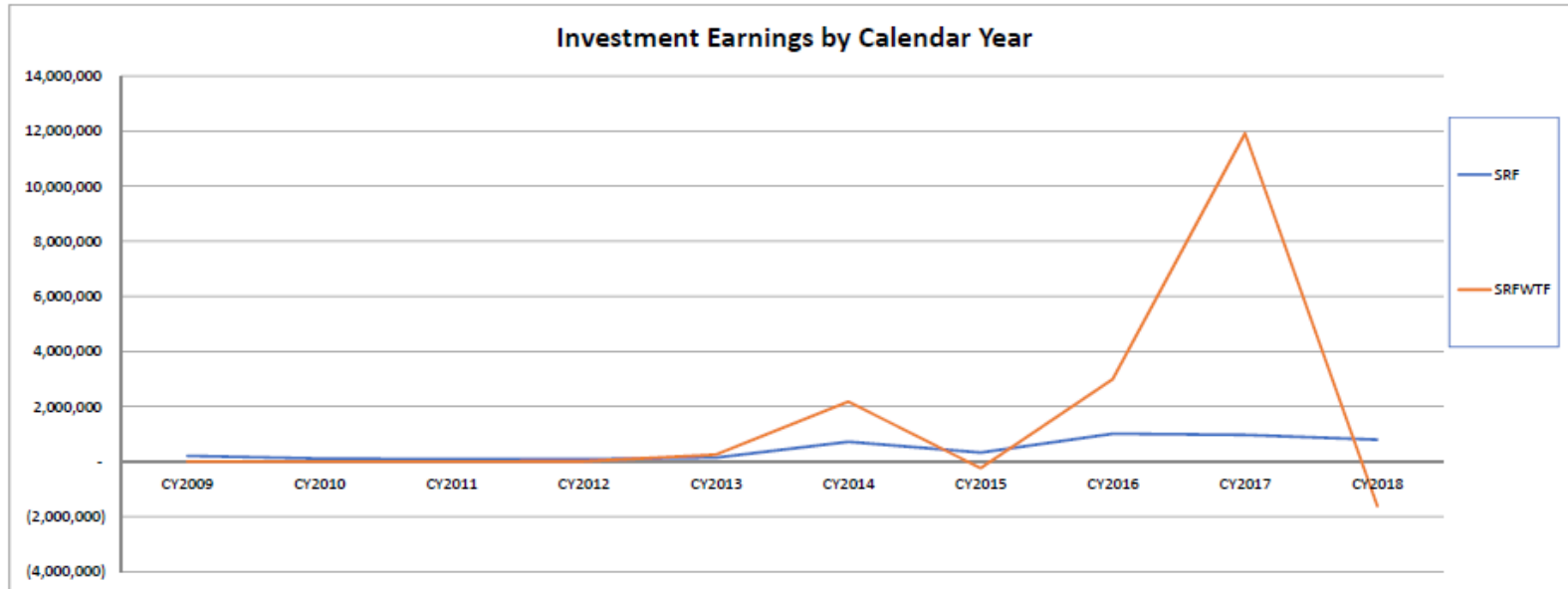
The second recommendation was also in two parts:

1. That the current balance of the Special Reclamation Fund be invested in the Board of Treasury Investments West Virginia Short Term Bond Pool with the exception of \$5 million, which should remain in the West Virginia Money Market Pool.
2. That WVDEP develops plans to maximize the return on investment for future SR Fund revenue.

In October of 2013 the balance of \$28 million from the SRWTF was transferred to the Investment Management Board Fixed Income Pool.

In June of 2013, with the exception of \$5 million, the balance of the Fund was transferred to the West Virginia Short Term Bond Pool. The following chart depicts the investment earnings for the previous six years prior to the new investment strategies and results of the new strategy leading up to the current year.

Department of Environmental Protection
 Special Reclamation Fund and Special Reclamation Water Trust Fund
 Investment Earnings by Calendar Year
 For Ten Full Calendar Years 2009 - 2018



	CY2009	CY2010	CY2011	CY2012	CY2013	CY2014	CY2015	CY2016	CY2017	CY2018	CY2009 - 2018
SRF	205,214.88	109,652.38	92,668.76	88,882.52	141,062.46	716,146.49	325,054.72	1,010,964.20	969,286.07	795,428.17	4,454,360.65
SRFWTF	6,241.45	6,701.73	7,616.86	10,706.26	250,149.78	2,181,986.49	(238,203.32)	3,005,253.10	11,917,088.46	(1,627,329.89)	15,520,210.92

Figure 1

2018 SRF Advisory Council Annual Report

Since 2001, despite a very aggressive reclamation schedule, the Fund has been serving the people of West Virginia well through providing for the reclamation of bond-forfeited sites. At the time of the initial legislation in 2001, there were 392 forfeited permits requiring reclamation, including 122 requiring water treatment. Since passage of that legislation, an additional 216 permits have forfeited as well, bringing the total to 608 permits requiring reclamation. Of those, work has been completed on 504 permits. With regard to water treatment, the Fund is treating water at 146 sites and has an additional 47 sites under review or construction. As of December 31, 2018, the Fund has accumulated cash and investments totaling \$61.6 million, while the SRWTF had accumulated \$112.4 million.

A complete inventory of all bond forfeiture sites can be found in Appendix C, along with bond forfeiture sites that have mine drainage related problems, and a prioritized order in which they will be addressed

Graphic summaries of the status of the Funds are outlined in the following figures.

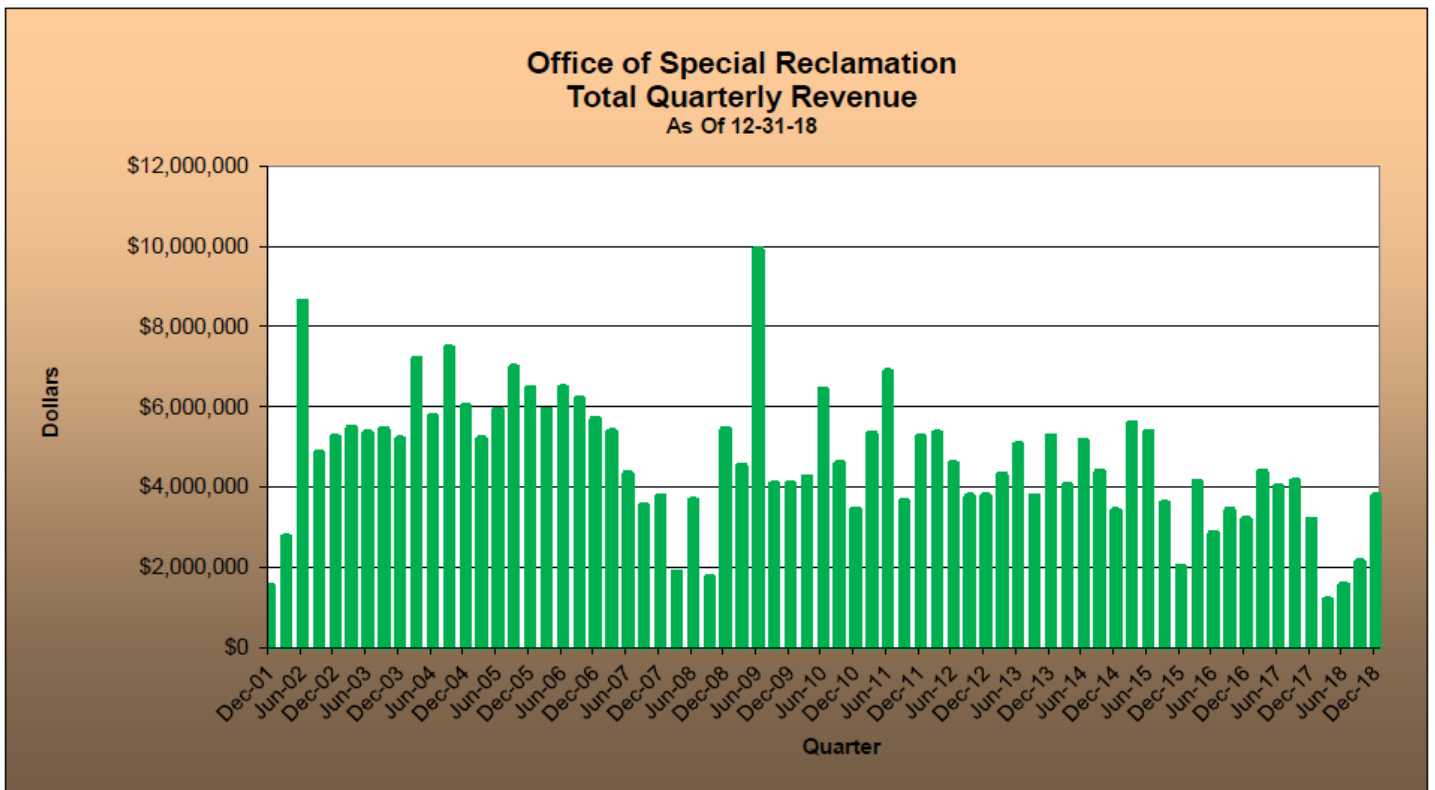


Figure 2

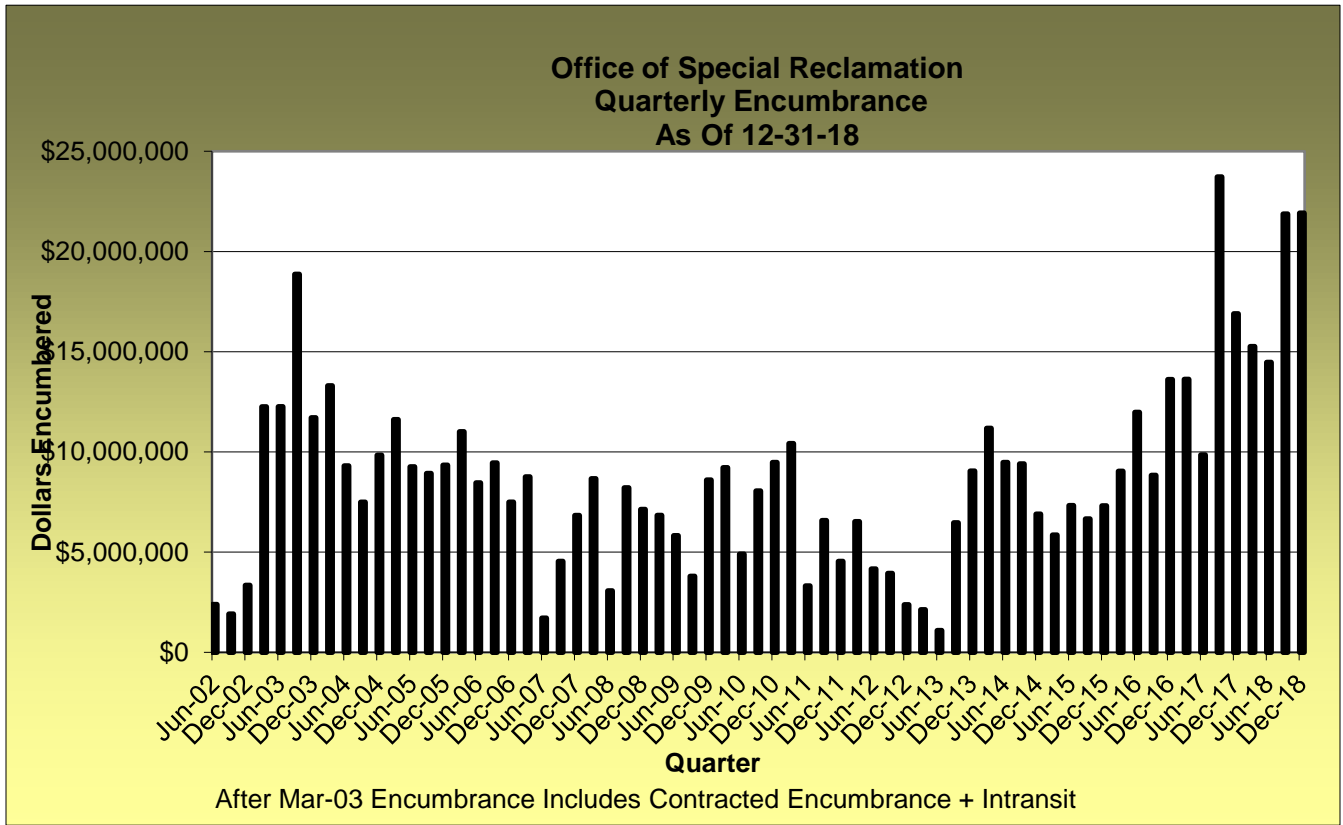


Figure 3

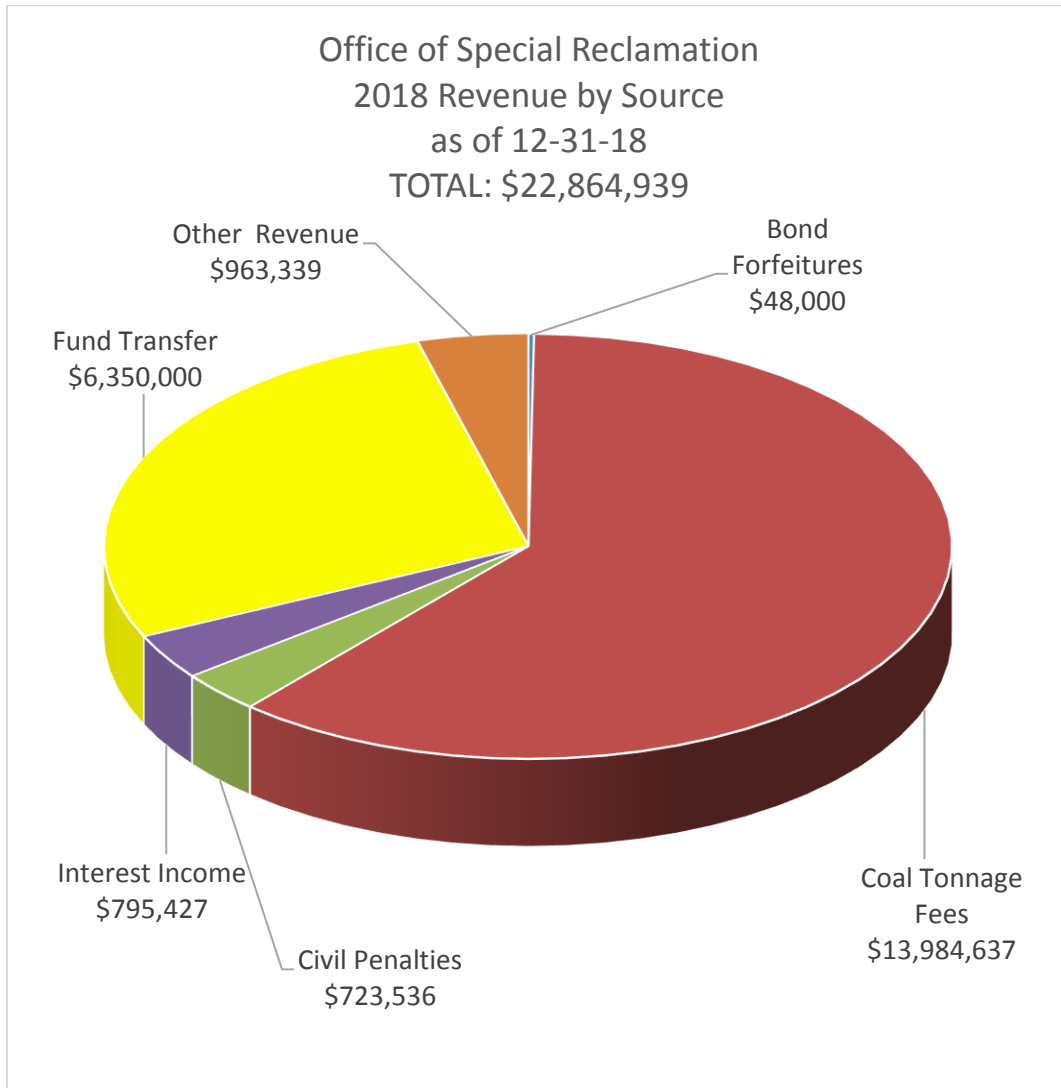


Figure 4

Water Treatment Funding

A complete inventory of bond forfeiture sites that are producing mine drainage which violate effluent limitations or applicable water quality standards, along with associated cost estimates for long-term treatment of these sites, can be found in Appendix C.

The current main funding mechanism for bond-forfeited sites is the 27.9 cent tax per ton of clean coal mined, of which fifteen cents is dedicated to the SRWTF.

2018 SRF Advisory Council Annual Report

In 2008, the Legislature authorized, but did not separately fund, the SRWTF. In reliance on the SRWTF statutory authorization, beginning in July 2008, coal tax revenues based on a tax rate of 1.5 cents per ton were being paid into the SRWTF. In addition, coal tax revenues based on 12.9 cents per ton were being paid into the Fund. In 2012 the Legislature increased the amount dedicated to the SRWTF to 15 cents per ton but based on the funded status of the Fund at the time the Fund remained at 12.9 cents per ton.

The WVDEP has paid for all reclamation costs, both land and water, out of the Fund through FY 2018. Funding the water reclamation and treatment from the Fund allowed the SRWTF to build up assets. The average yearly revenue, fees and investment earnings for the past five years has exceeded eighteen million dollars (\$18 M/year). The current balance in the SRWTF is \$112,455,408 as of December 31, 2018. Prior to the end of FY 2019 the WVDEP will evaluate reclamation progress and the financial status of both Funds to determine future payment plans for reclamation activities moving forward. The SRFAC is continuing to look at alternatives for water treatment funding.

Increased water capital cost and water treatment cost are the result of two identical lawsuits filed against the WVDEP. In 2011 and 2012 the WVDEP entered into separate consent decrees with the northern and southern district courts respectively. As will be discussed later in this report, the WVDEP was required to apply for and obtain NPDES permits for all the sites included in Attachment A of the consent decrees plus an additional 21 sites which were included in an earlier lawsuit, for a total of 192 sites. The WVDEP estimated that it will cost approximately \$35.5 million to bring bond forfeiture sites into compliance with the more stringent water quality based effluent limits. Additionally, WVDEP estimated that it will cost approximately \$6.7 million to operate and maintain these treatment systems on an annual basis.

WVDEP has fulfilled the requirements of the Consent Decree by obtaining all NPDES permits.

Additional Charges to the Fund Due to NPDES Requirements

Due to NPDES requirements, the WVDEP has been faced with charging more expenditures to the Fund. These include:

- Realty – Land and/or easement purchases have been necessary to expand existing or new water treatment sites outside permit boundaries. Surveying and appraisal costs are included in these purchases.

2018 SRF Advisory Council Annual Report

Increased staff – As a result of having to apply for and obtain NPDES permits at all bond forfeiture sites now and into the future, the WVDEP has found it necessary to incorporate an NPDES permitting section into the Office of Special Reclamation (OSR - The office responsible for reclamation of land and waters for bond forfeited sites). Five new staff members consisting of one (1) program manager and three (3) engineering technicians and one (1) environmental resource specialist have been added to fulfill the NPDES requirements for the WVDEP. Additionally, to reduce surveying cost associated with realty needs and design, a licensed surveyor was hired.

Two (2) land agents were hired in 2018 to address realty needs, although the responsibilities and salaries are split between OSR and the Office of Abandoned Mine Lands.

- NPDES permitting fees:
 - Application fees - \$1,000/application
 - Modification fees - \$500/mod.
 - Annual fees - \$1000/permit.
- Additional water sampling related to permit applications
- The WVDEP entered into a grant agreement with the West Virginia Land Stewardship Corporation (WVLSC) to provide contractual services in the areas of design, construction, and project oversight. The purpose of the agreement was to enhance the capacity of WVDEP professional staff to meet reclamation deadlines. It is estimated that project cost increase by 10 to 15% for contractual services and another 1% for indirect cost associated with managing the grant.

The WVLSC was created by state legislation in 2013 to lessen the burdens of government when government identifies a need for WVLSC to assist with land stewardship and the remediation of properties with known environmental issues, including former mining sites.

A pilot grant agreement, known as the LaRosa Fuels site (Permit Number S-1051-86), was approved in 2016 to evaluate the efficiency and benefits of a work-sharing partnership.

WVDEP approved a grant amendment in 2017 and provided additional funds, as well as additional permits to be reclaimed. The grant was structured as an up-front payment to provide the WVLSC with the funds needed to cover the level of liability inherent in multiple reclamation projects, which requires engaging multiple engineering and construction firms simultaneously. Having the

2018 SRF Advisory Council Annual Report

resources to cover at least the original liability estimates provided by WVDEP gave the WVLSC Board the level of certainty it needed to take on the project.

The WVDEP benefited from the assistance of the WVLSC but it has been determined by management that the services provided will not be used in the future and WVDEP staff will continue with reclamation activities in-house.

Other Charges to the Fund

According to §11-10-27, Administrative Fees, effective January 1, 2016 the Tax Commissioner may retain one percent of the taxes and fees, including one percent of any interest, additions to tax and penalties related thereto, collected by the Tax Division of the Department of Revenue that are to be deposited into special revenue funds including the Fund. The amount retained by the Tax Commissioner is a fee for the services provided by the Tax Division in the administration, distribution or collection, or any combination thereof, of those taxes and fees. As of December 31, 2018, \$752,908.75 have been retained from the Fund.

WVDEP Policy Relevant to the Fund

Effective May 21, 2014 the WVDEP has implemented a new policy establishing a standard procedure the WVDEP will follow to terminate the State's jurisdiction over bond-forfeited former mining sites (Special Reclamation Sites). With a decision that the Special Reclamation Site has satisfied the applicable performance standards, WVDEP will terminate jurisdiction over the subject Special Reclamation Site. The policy limits the vulnerability of the State, and consequently the Fund, by reducing the possibility of lawsuits pertaining to damages unrelated to former mining practices or reclamation practices, i.e. due to recreation, timbering, oil & gas, etc., as well as any changes to environmental laws taking effect after reclamation of the subject Special Reclamation Site. The WVDEP will retain jurisdiction of Special Reclamation Sites, or portions thereof, that are necessary for the effective treatment of mine discharges emanating from the subject Site.

Litigation

1. The Fund through FY 2018 and the SRWTF starting in FY 2019 has acquired liability for additional water treatment as a result of lawsuits filed against the WVDEP, as described below.

2018 SRF Advisory Council Annual Report

Identical complaints were filed in the Northern and Southern District Courts, Civil Actions No. 07-cv-87 (the “Northern District Case”) and No. 2:07-0410 (the “Southern District Case”), assigned to Judge Irene Keeley and Judge John T. Copenhaver, Jr., respectively. Both cases were styled *West Virginia Highland Conservancy and West Virginia Rivers Coalition v. Randy C. Huffman, Secretary, West Virginia Department of Environmental Protection*.

The two suits alleged that the WVDEP had violated, and continues to violate, the federal Clean Water Act (the Act) by failing to obtain West Virginia National Pollutant Discharge Elimination System (WV/NPDES) permits when the WVDEP reclaims and treats water at bond forfeited sites as directed by state law. The Northern District Case named 18 specific bond forfeited sites and the Southern District Case named 3 sites.

On March 26, 2009, the Northern District Court entered summary judgment in favor of Plaintiffs in the Northern District Case; and granted a permanent injunction. The injunction requires WVDEP to apply for, process, and issue WV/NPDES permits to itself for the discharge into waters and streams of pollutants from the eighteen bond-forfeited, coal mining sites at issue in the case, whose reclamation the agency is required to manage. WVDEP appealed this decision to the United States Court of Appeals for the Fourth Circuit (“Fourth Circuit Court of Appeals”). By order dated November 8, 2010, the Fourth Circuit Court of Appeals affirmed the Northern District Court’s ruling.

Similarly, a motion for summary judgment in the Southern District Case was granted by Order dated August 24, 2009. The Southern District Court found that the Secretary of the WVDEP was “in violation of the National Pollutant Discharge Elimination System permitting requirements of the Clean Water Act.” The Southern District Court ordered the Secretary to “apply for, and obtain, NPDES permits for all sites at issue in this action,” and the parties subsequently submitted a joint stipulation agreeing to the same injunctive relief and timeframes for compliance set forth in the Northern District litigation. The Southern District Court entered final judgment August 31, 2010.

On January 11, 2010, the same Plaintiffs (West Virginia Highlands Conservancy and West Virginia Rivers Coalition) and the Sierra Club submitted a letter giving WVDEP notice of their intent to sue WVDEP regarding discharges from 131 additional bond forfeited sites on the same legal basis as the previous suits. Based on the outcome of the previous litigation, WVDEP engaged in settlement negotiations with the Plaintiffs and reached agreement regarding the permitting of the 21 sites in the previous litigation and the additional 131 sites. In August 2011, the Plaintiffs filed two new suits regarding the additional sites, *West Virginia Rivers Coalition, et al v.*

2018 SRF Advisory Council Annual Report

Huffman, Civil Action No. 1:11-cv-118 (N.D. W.Va.), and *West Virginia Rivers Coalition, et al v. Huffman*, Civil Action No. 2:11-cv-524 (S.D. W.Va.), and lodged a proposed Consent Decree with both courts. The Northern District Court entered the Consent Decree on October 12, 2011. The Southern District Court entered the Consent Decree February 10, 2012. A list of all bond forfeited sites at issue in all four suits is attached to the Consent Decree as Attachment A. As required by the Consent Decree on July 2, 2012 WVDEP submitted a Final Treatment Cost Report to Plaintiffs and SRFAC, in which WVDEP determined the capital cost and annual operating and maintenance costs for water discharges from each bond forfeiture site to meet applicable water quality based effluent limitations. The WVDEP estimated that these costs will amount to \$35.5 million for one-time capital construction costs and over \$6 million in annual operations and maintenance costs.

The Consent Decree resolves all four suits filed by the Plaintiffs regarding bond forfeited sites. The Consent Decree required WVDEP to obtain WV/NPDES permits for all 21 bond forfeiture sites cited in the initial litigation by September 1, 2011. Thereafter, WVDEP issued draft WV/NPDES permits for 50 additional sites by the end of each calendar year, beginning in 2012. By December 31, 2015 the Consent Decree required WVDEP to issue draft WV/NPDES permits for all bond forfeited sites listed in Attachment A of the Consent Decree and for sites that were in existence on the date the Decree was executed. Thereafter, the WVDEP shall exercise its best judgment on the timing of issuance of draft permits for sites forfeited after the execution of the consent decree.

Note: The final draft permit was issued December 10, 2015.

2. A third case presents potential for future litigation, should the legislature not adequately fund the Fund and SRWTF. *West Virginia Highlands Conservancy v. Secretary Salazar, DOI*, Civil Action No. 2:00-1062 (S.D. W.Va.). The West Virginia Highlands Conservancy (WVHC) had filed a motion with the U.S. District Court for the Southern District of West Virginia to reopen the case and schedule further proceedings on the grounds that the recommendations of the SRFAC were not being followed with regard to funding the Special Reclamation Fund. Based upon the Legislature's extension of funding through the Continuing and Temporary taxes, the case was placed on the court's inactive docket as of May 2008; however, the court allowed the possibility of a renewed motion if the Legislature does not continue to provide sufficient monies for the Fund to remain solvent.

In March 2011, the WVHC moved once again to have the litigation reopened alleging continuing problems with the Fund. A status conference was held on August 5, and the court ordered the filing of a joint status report.

2018 SRF Advisory Council Annual Report

On August 25, 2011, the WVHC and the Defendants filed a joint status report with the court. The WVHC stated that the court should not delay reopening the case until the new actuarial report and SRFAC recommendations are issued, whereas the Defendants recommended that it was premature for the court to reopen this matter prior to the close of the 2012 legislative session.

On March 30, 2012, a status conference call was conducted by the Court. In light of the enactment of Senate Bill 579 that increased the special reclamation tax from 14.4 cents to 27.9 cents per ton of clean coal mined, the Plaintiff acknowledged that it would move to withdraw its Second Motion to reopen and refile it to address the changed circumstances that have occurred since the filing of its motion to reopen.

On April 2, 2012, the WVHC filed its Motion to withdraw its Second Motion to reopen this case with the Court. On August 5, 2012, the Court issued an Order granting the Plaintiff's Motion to withdraw its Second Motion. In addition, the Court granted the WVHC leave to file an additional motion to explain deficiencies that remain, notwithstanding the recent revenue increase in the Special Reclamation Fund.

This case remains open, so the District Court can address any issue that may arise regarding the State's ABS (alternative bonding system).

3. On or about April 20, 2016, the West Virginia Highlands Conservancy, West Virginia Rivers Coalition, and Sierra Club sued the West Virginia Department of Environmental Protection's (WVDEP) Special Reclamation Program alleging it was in violation of seven West Virginia National Pollution Discharge Elimination System (WVNPDES) permits issued for sites controlled by the Special Reclamation Program, four in the United States District Court for the Northern District of West Virginia¹ and three in the Southern District². The lawsuits allege that the WVDEP had discharged and continued to discharge quantities of aluminum, iron, nitrogen ammonia, and suspended solids in excess of the effluent limitations in those permits. The lawsuits further allege discharges of effluent with pH outside of the permit range. On December 12, 2016, the parties met at WVDEP's headquarters in Charleston. The WVDEP explained to the Plaintiffs that a timetable for achieving compliance had already been established and were included in a corrective action plan required under the enforcement actions being carried out by the WVDEP's Division of Mining and Reclamation. On July 10, 2017, the parties filed a consent decree in the Northern District action. On April 25, 2018, the parties filed a consent decree in the Southern District. The compliance requirements found in these consent decrees are based on the schedule that the WVDEP had prepared for inclusion in the corrective action plan; no new or different requirements were added as a result of the litigation.

2018 SRF Advisory Council Annual Report

1. *West Virginia Highlands Conservancy, et al. v. Austin Caperton, Secretary, West Virginia Department of Environmental Protection,*

United States District Court for the Northern District of West Virginia, Civil Action No. 1:16-cv-70

2. *West Virginia Highlands Conservancy, et al. v. Austin Caperton, Secretary, West Virginia Department of Environmental Protection,*

United States District Court for the Southern District of West Virginia, Civil Action No. 2:16-cv-03769

2019 SRFAC Study Issues

- Consensus Coal Forecast
- Actuarial Analysis of the Fund and SRWTF
- Review of the current investment strategy
- Continue Review of DMR database

The SRFAC is continuously looking for ways to improve the ability to project future forfeitures. The DMR database of open permits is the primary source of information used for the biennial actuarial analysis of the SRF and SRWTF. The analysis relies heavily on information obtained from forfeited permits and applied to current permits to project future forfeitures.

The SRFAC would like to explore options to increase the linkages of data from past forfeitures to open permits, to improve the predictive power of historical data. Some pieces of data that may be available in the permit databases that have not been previously utilized include:

- length of time a permit had a particular status
- number of times a permit changed status
- groupings with other permits (proximity or use)
- annual coal production associated with a permit or group of permits

The SRFAC recognizes that not all these pieces of data are available, even in open permits, and may no longer be available for permits that forfeited many years ago; but would like to explore the ability to enhance the information available that can help quantify risk. The database will need to be cleaned and augmented prior to the appointment of the actuary.

The SRFAC would like to recognize the WVDEP for their conscientious management of the Fund and the SRWTF and their efforts in minimizing the impacts of bankruptcies to the Funds.

2018 SRF Advisory Council Annual Report

Special Reclamation Fund Advisory Council
Annual Report to the Legislature
January 23, 2019



Audin Caperton, Secretary WVDEP

Ex Officio

Designee: Michael Sheehan

WVDEP Deputy Director, Div. of Land Restoration

601 57th Street

Charleston, WV 25304



John D. Perdue, Treasurer

Designee: Carolyn Atkinson

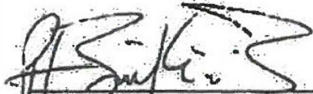
Deputy Treasurer for Unclaimed Property

WV State Treasurer's Office

1900 Kanawha Blvd

Capital Complex Bld 1, Room E-145

Charleston, WV 25305



Paul Ziemiak, PhD, Director

National Mine Land Reclamation Center

WVU - NRCCE Building

P.O. Box 6064

Morgantown, WV 26506



John S. L. Morgan

Morgan Worldwide

343 North Limestone Street

Lexington, Ky. 40508




Bill Raney, President

West Virginia Coal Association

Northgate Business Park

P.O. Box 3923

Charleston, WV 25339



Ronald Pauley

50 Sunset Drive

Summers, WV 25567



Christine M. Risch

Director of Resource & Energy Economics

Marshall University

Center for Business & Economic Research

One John Marshall Drive

Huntington, WV 25755-0003



Chris Pence

500 Lee Street East Suite 701

Charleston, WV 25301

Appendices for 2018 SRFAC Annual Report
(All Appendices as of 12-31-18)

A. WVDEP Graphs:

Land and Water Permits Scheduled by Quarter and Projects Completed

Land Permits To Be Contracted

Land Liabilities To Be Contracted

Permits Forfeited Since 6-30-01

Reclamation Projects Started Since 6-30-01

Contract Dollars Encumbered

Cash Balance

Total Revenue

Revenue Collected by Source: Bonds, Civil Penalties, Tax

B. Bond Forfeiture Inventories

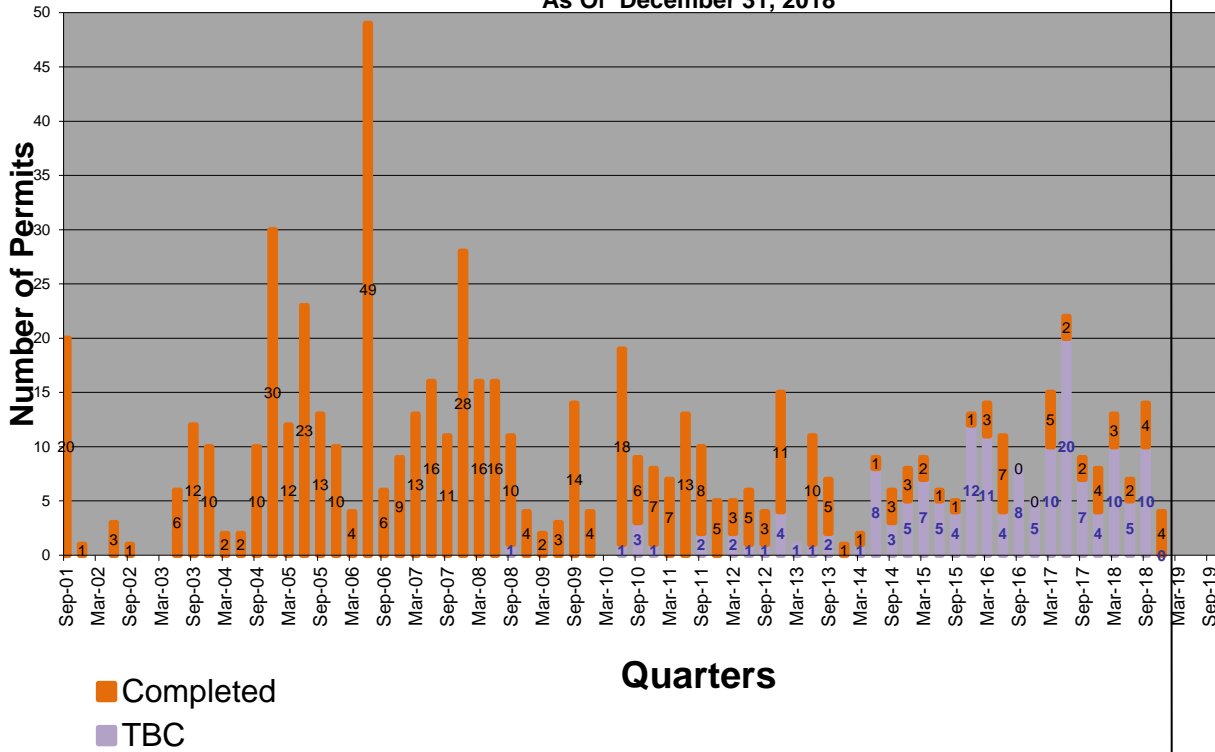
a. **Total Forfeiture Inventory**

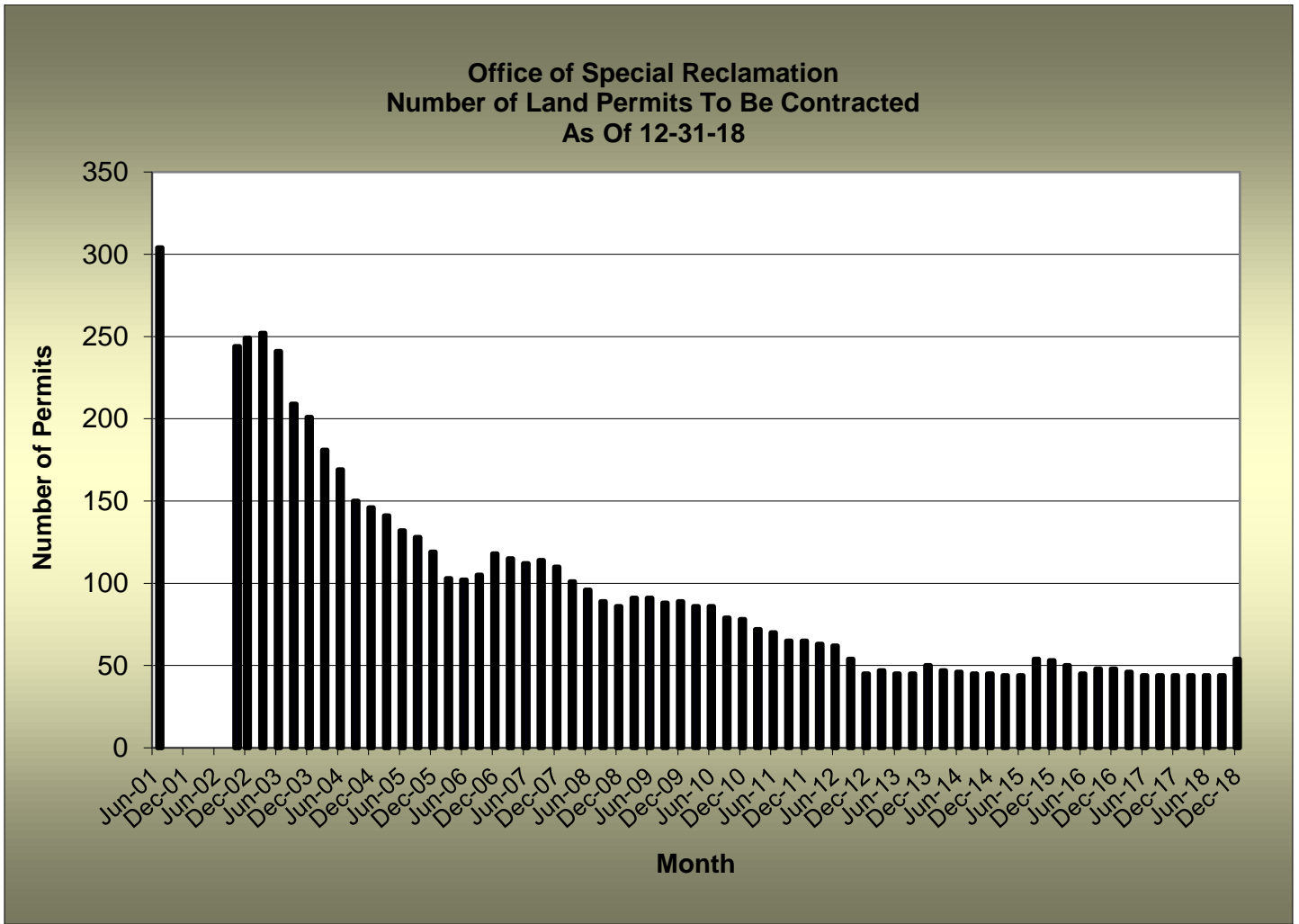
b. **Acid Mine Drainage Inventory**

c. **Mine Drainage Treatment Prioritization**

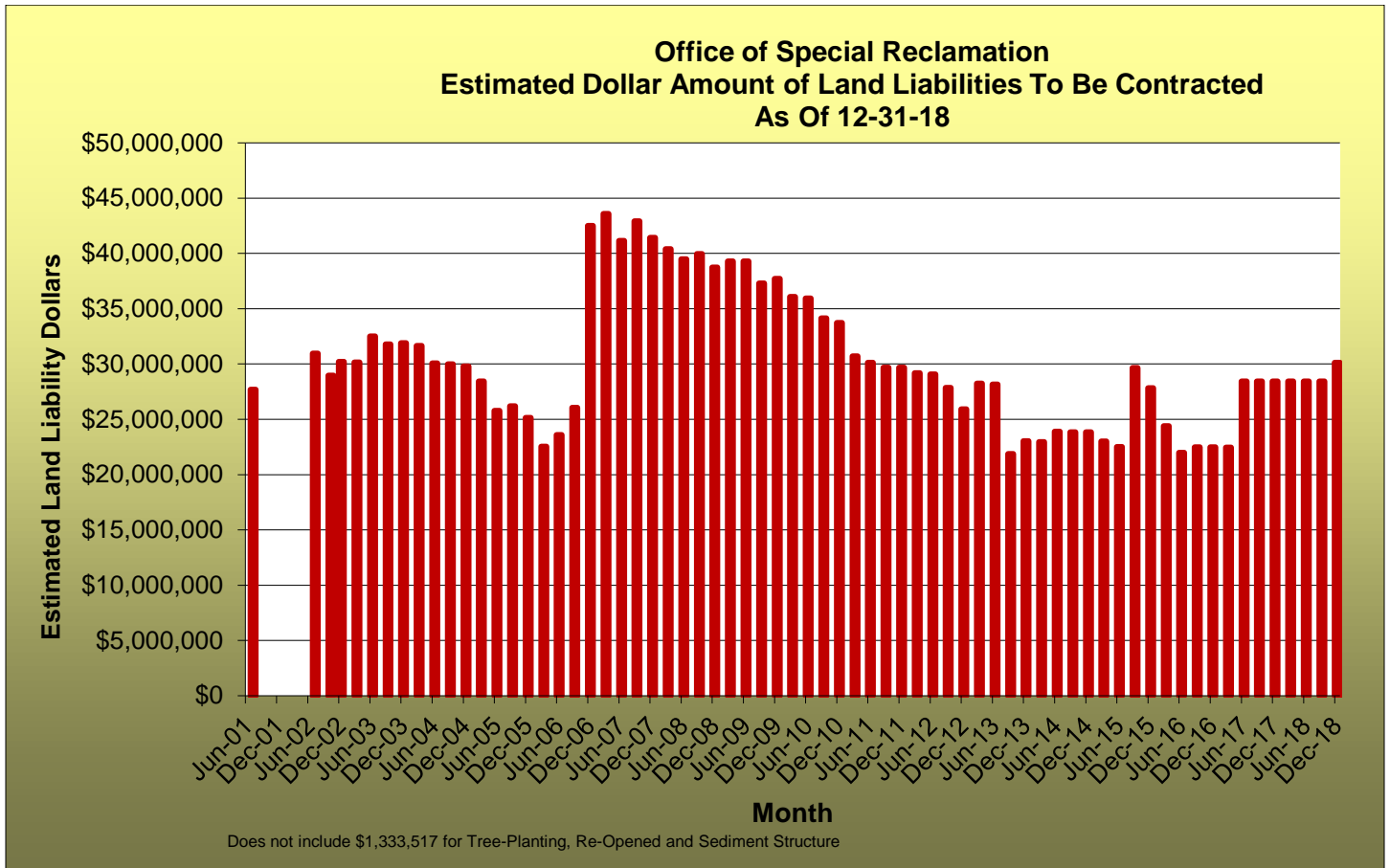
Appendix A

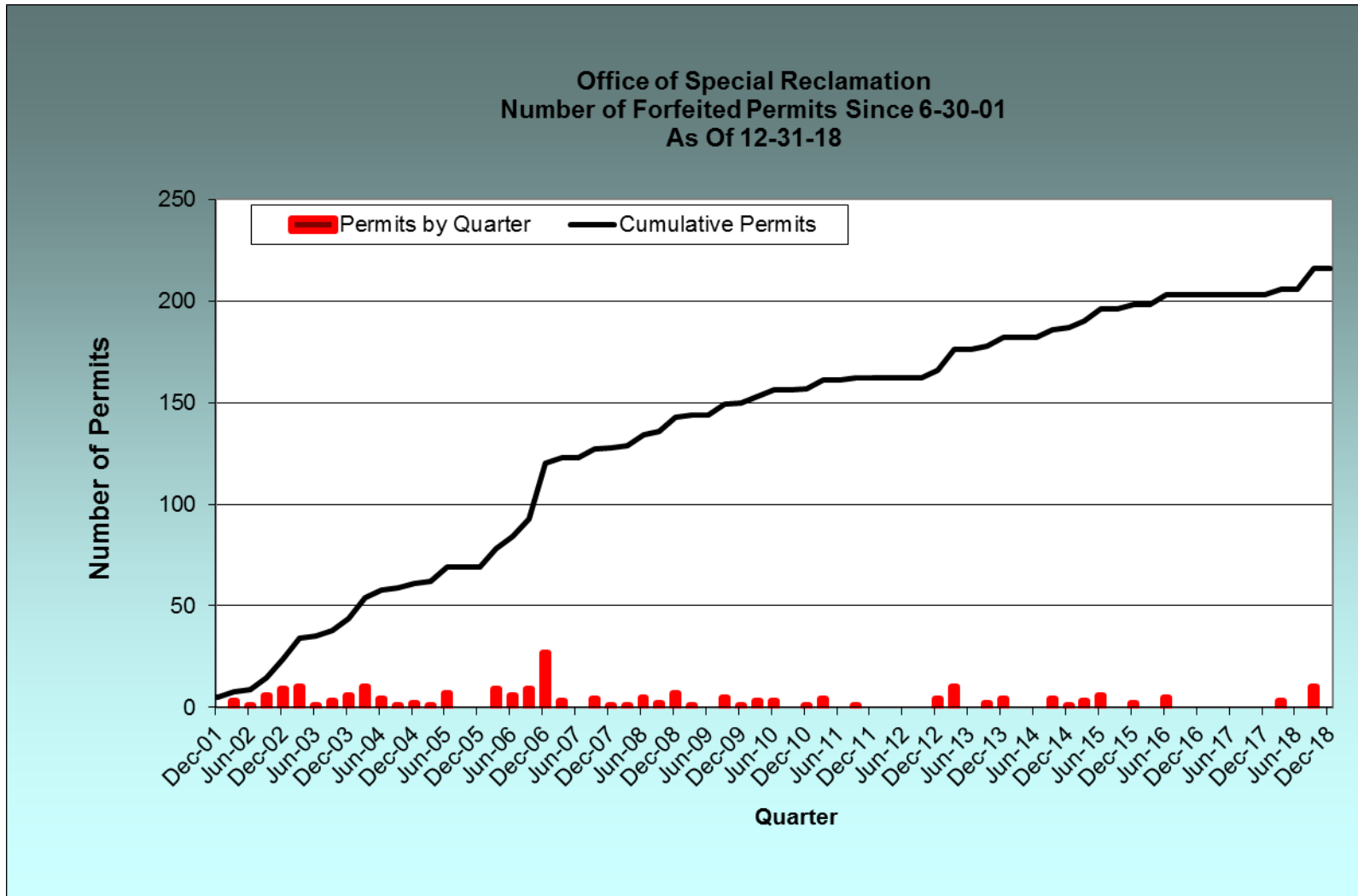
**Land and Water Permits
TBC -Scheduled by Quarter
and Projects Completed
As Of December 31, 2018**



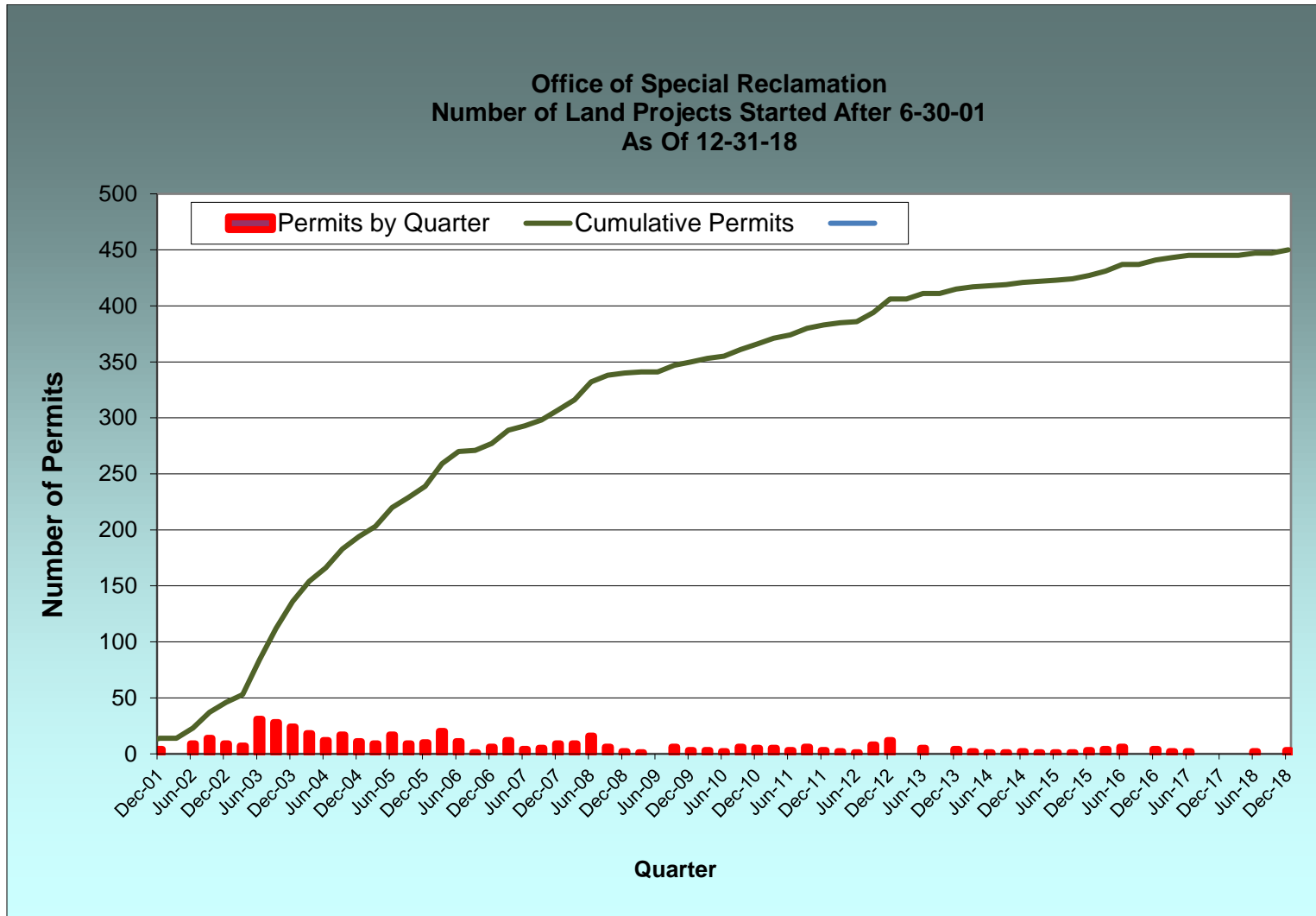


2018 SRF Advisory Council Annual Report

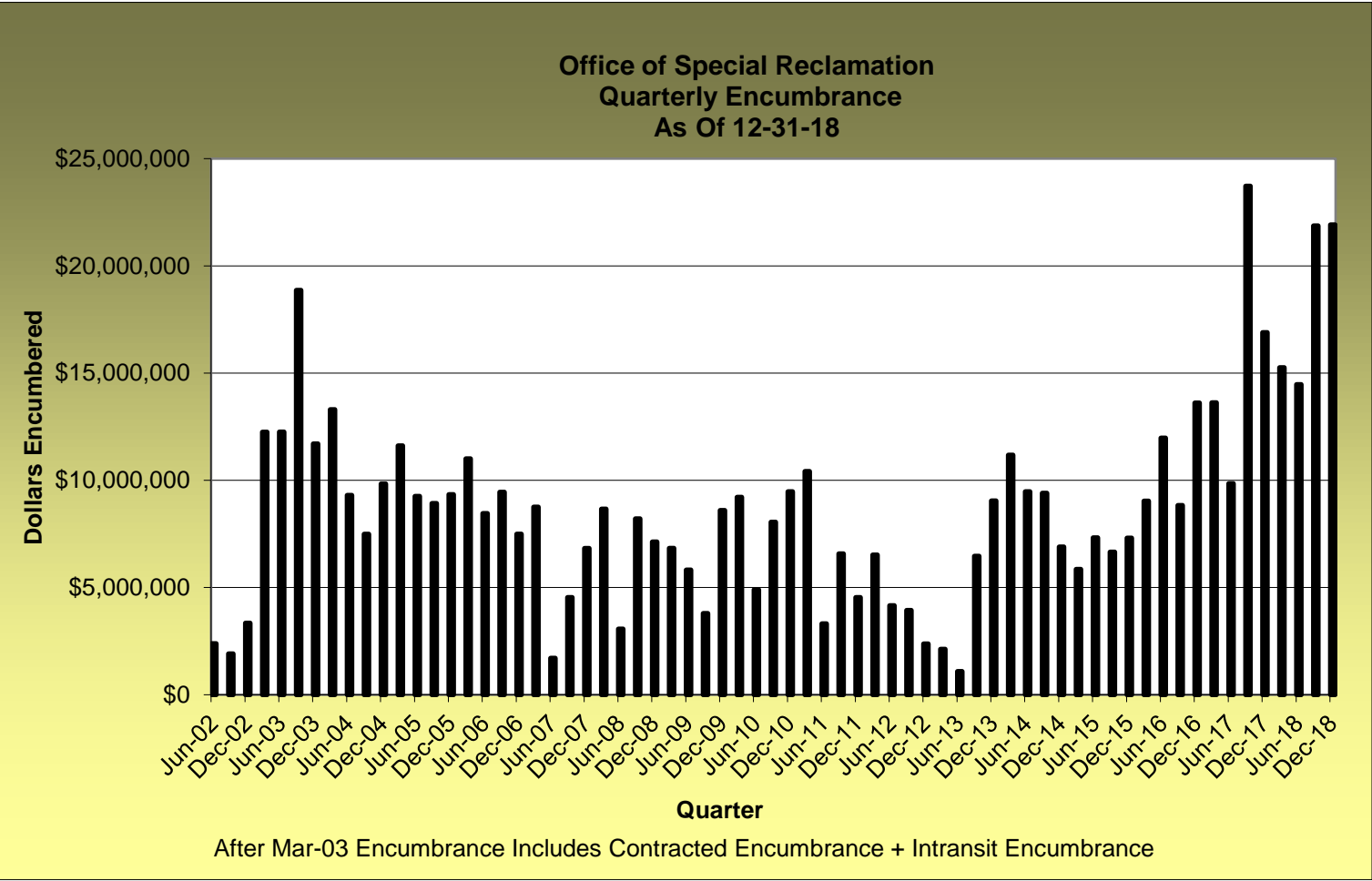




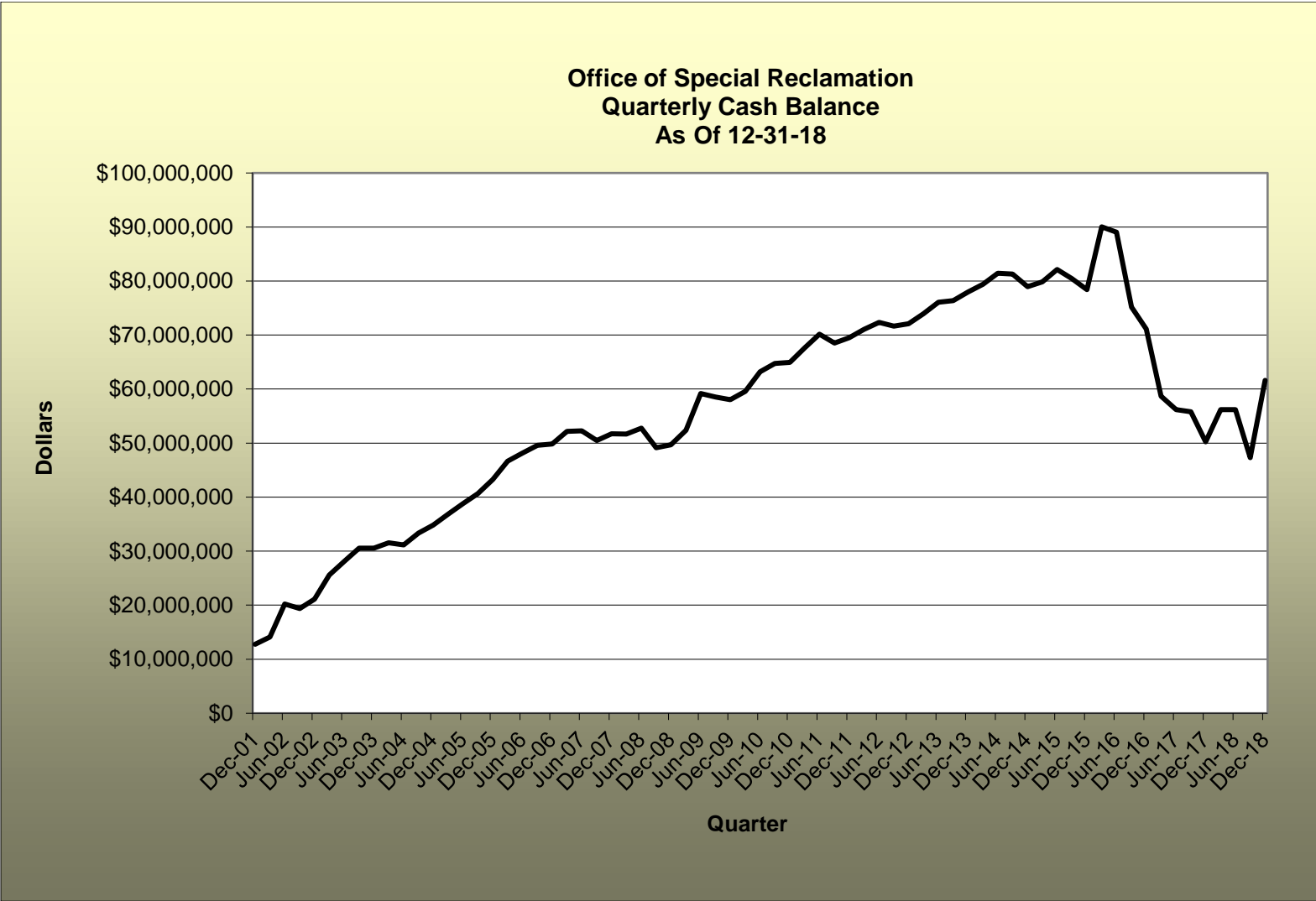
2018 SRF Advisory Council Annual Report



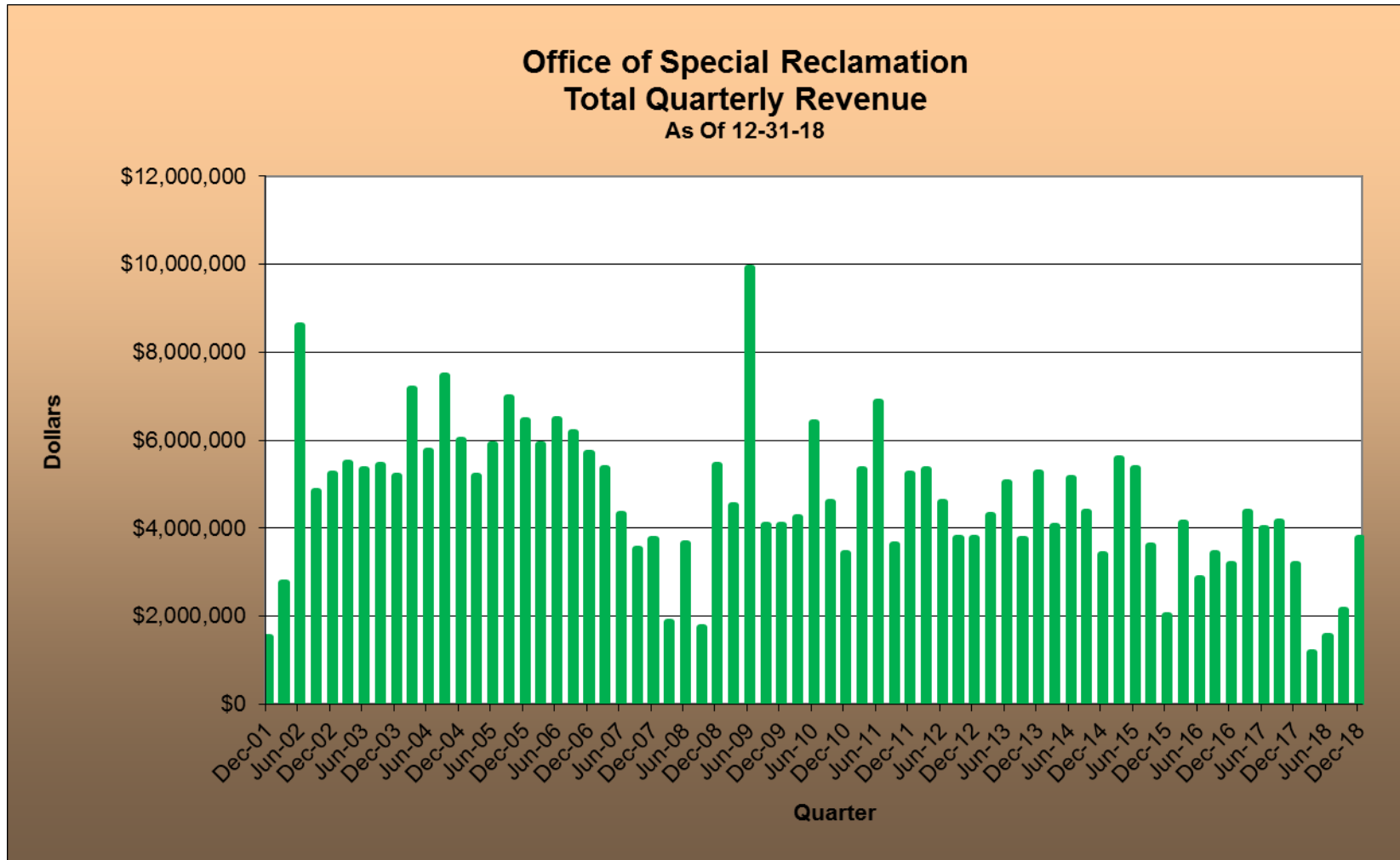
2018 SRF Advisory Council Annual Report



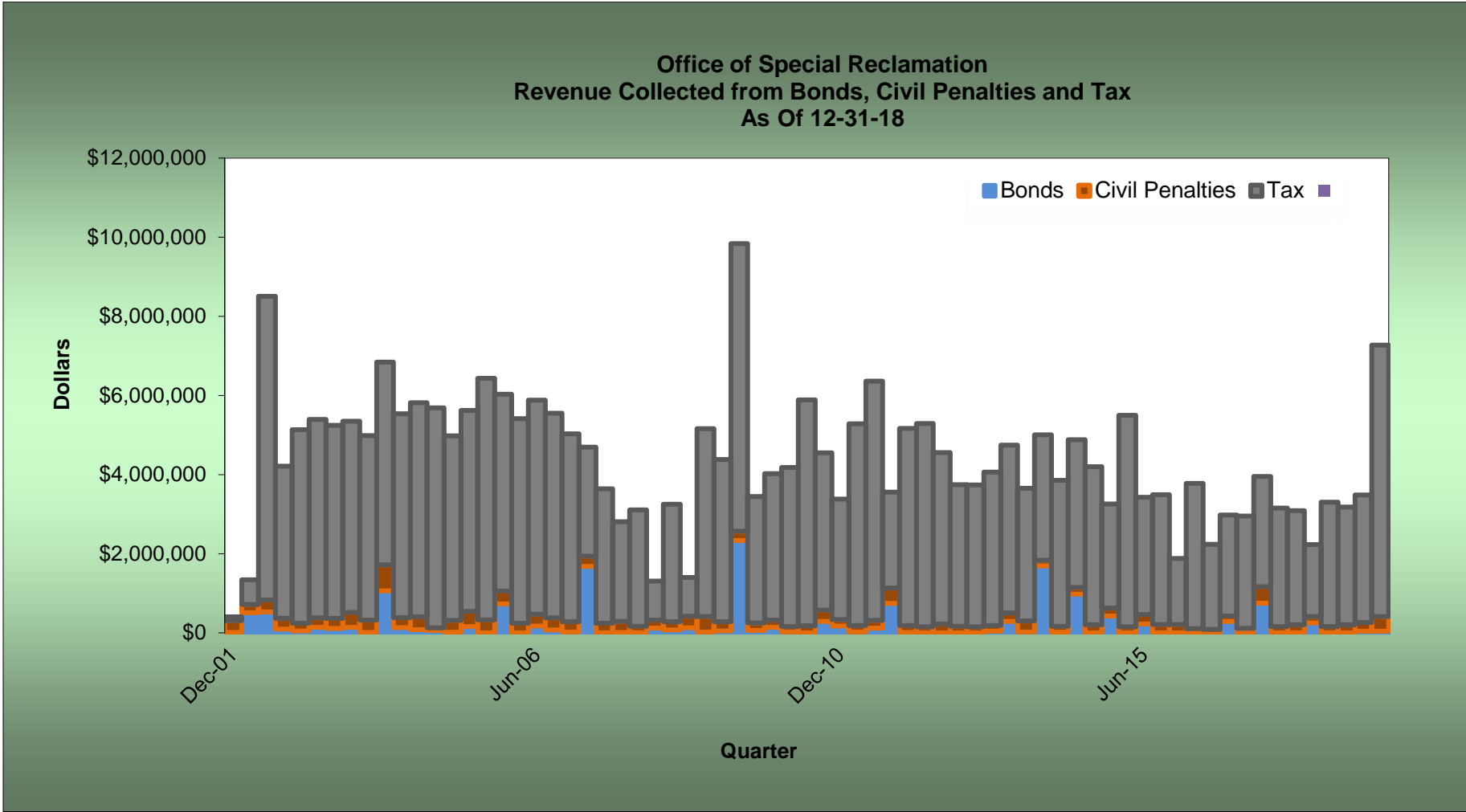
2018 SRF Advisory Council Annual Report



2018 SRF Advisory Council Annual Report



2018 SRF Advisory Council Annual Report



Appendix B

Bond Forfeiture Inventory

COMPANY	PERMIT	DATE REVOKED	COUNTY
3-D COAL CO.	52-72	6/1/77	Mingo
SLAB FORK COAL CO.	U-10-83	3/1/84	Raleigh
SLAB FORK COAL COMPANY	UO-556	4/1/84	Raleigh
LOW ASH COAL CO.	UO-389	2/1/85	Wyoming
LOBO CAPITOL, INC.	UO-204	8/7/85	Preston
DLM COAL CO.	138-74	9/3/85	Upshur
DLM COAL CO.	2-80	9/13/85	Upshur
DLM COAL CO.	I-239	9/16/85	Upshur
DLM COAL CO.	P-426	9/16/85	Upshur
DLM COAL CO.	I-739	9/16/85	Upshur
DLM COAL CO.	187-77	9/16/85	Upshur
DLM COAL CO.	164-77	9/16/85	Upshur
DLM COAL CO.	UO-231	9/16/85	Upshur
DLM COAL CO.	135-78	9/16/85	Upshur
DLM COAL CO.	R-423	9/16/85	Upshur
DLM COAL CO.	1-78	9/16/85	Upshur
DLM COAL CO.	12-78	9/16/85	Upshur
DLM COAL CO.	58-77	9/16/85	Upshur
DLM COAL CO.	H-232	10/1/85	Upshur
DLM COAL CO.	23-76	10/1/85	Upshur
DLM COAL CO.	71-75	10/1/85	Upshur
RALEIGH COMMERCIAL DEVEVELOPMENT	S-23-77	1/16/87	Fayette
RALEIGH COMMERCIAL DEVEVELOPMENT	187-74	1/16/87	Fayette
RALEIGH COMMERCIAL DEVEVELOPMENT	149-79	1/21/87	Fayette
RALEIGH COMMERCIAL DEVEVELOPMENT	P-61-83	4/1/87	Fayette
PRINCESS CINDY MINING, INC.	30-79	5/26/87	Fayette
STAR INDUSTRIES, INC.	R-3-81	5/27/87	Raleigh
DUSTY COALS, INC.	S-119-85	8/10/87	Nicholas
SAN SUE COAL CO.	19-75	1/13/89	Nicholas
GREENDALE COALS, INC.	U-63-84	2/10/89	Clay
BLACK DIAMOND MINING CO.	13-79	4/1/89	Nicholas
X W CORP.	S-6013-87	4/20/89	Clay
F.G.M. ENERGY, INC.	S-5023-88	10/1/89	Logan
MCALPIN PROCESSING, INC.	S-3013-89	11/1/89	Raleigh
MCALPIN PROCESSING, INC.	R-3050-87	11/1/89	Raleigh
CATHERINE ENTERPRISES, INC.	I-544	11/14/89	Nicholas
AMERICAN MINERALS CORP.	S-6005-87	11/20/89	Kanawha
ROYAL COAL CO.	P-688	1/1/90	Fayette
BENHAM GROUP, LTD.	120-79	1/1/90	Boone
DAUGHERTY COAL COMPANY, INC.	40-73	3/9/90	Preston
E. J. & L. CO., INC.	P-3051-88	5/1/90	Raleigh
EAGLE ENERGY, INC.	U-200-83	5/1/90	Mingo
E. J. & L. CO., INC.	S-3041-87	5/9/90	Raleigh
METCO MINING CO.	P-730	5/23/90	Logan
METCO MINING CO.	UO-581	5/23/90	Logan
METCO MINING CO.	UO-463	5/23/90	Logan

Bond Forfeiture Inventory

COMPANY	PERMIT	DATE REVOKED	COUNTY
LILLYBROOK COAL CO.	S-86-85	6/1/90	Raleigh
CANION COAL CO.	U-2-85	8/3/90	Clay
CAPPELLARI, INC.	S-78-78	2/21/91	Nicholas
ERLON COAL CO.	D-5-82	4/16/91	Fayette
JERICO CONSTR. AUGERING	S-4026-88	7/17/91	McDowell
GREAT MTN. COAL CO.	160-77	7/19/91	Fayette
GREAT MTN. COAL CO.	114-79	7/19/91	Fayette
JOHN GALT	O-40-82	8/29/91	Logan
JOHN GALT	O-45-82	8/29/91	Logan
JOHN GALT	D-76-82	8/29/91	Logan
KESSLER COALS, INC.	S-131-82	8/30/91	Boone
HARVEY ENERGY CORP.	S-3025-88	9/5/91	Fayette
HARVEY ENERGY CORP.	S-33-81	9/16/91	Fayette
HARVEY ENERGY CORP.	S-35-81	9/16/91	Fayette
HARVEY ENERGY CORP.	S-3030-89	9/16/91	Fayette
HARVEY ENERGY CORP.	S-3081-87	9/16/91	Fayette
HARVEY ENERGY CORP.	S-54-84	9/25/91	Fayette
ARARAT COAL CO.	U-4005-90	10/1/91	McDowell
G & L COAL CO.	S-86-83	10/1/91	Raleigh
C & D TRUCKING CO.	U-4017-89	11/1/91	McDowell
KESSLER COALS, INC.	U-36-85	11/1/91	Boone
KAYDEE CONSTRUCTION CO.	S-3019-87	11/11/91	Fayette
ZY COAL CO.	70-79	12/12/91	Clay
ZY COAL CO.	91-79	12/12/91	Clay
ZY COAL CO.	S-30-80	12/12/91	Clay
CRANE COAL CO., INC.	S-27-83	1/3/92	Preston
KESS COALS, INC.	O-39-85	2/1/92	Boone
MERIDAN OF VIRGINIA, INC.	S-4034-89	2/28/92	McDowell
MERIDAN OF VIRGINIA, INC.	S-4002-90	2/28/92	McDowell
MERIDAN OF VIRGINIA, INC.	S-4015-89	3/4/92	McDowell
NELLIS CORP.	U-5008-90	4/7/92	Boone
NELLIS CORP.	U-5009-90	4/7/92	Boone
F & M COAL CO.	S-1026-87	4/30/92	Preston
DAUGHERTY COAL COMPANY, INC.	188-75	5/19/92	Preston
KODIAK LAND CO., INC.	S-3052-87	5/19/92	Fayette
K-STEELE CORP.	S-6-83	5/19/92	Fayette
BULL RUN MINING COMPANY, INC.	EM-66	6/9/92	Preston
AMANDA NICOLE FUELS, INC.	S-1018-88	6/12/92	Preston
VALLEY MINING CO., INC.	S-64-83	6/12/92	Monongalia
INTERLAND RESOURCES, INC.	S-4009-91	7/8/92	McDowell
LAWSON ENTERPRISES	U-4011-90	7/10/92	McDowell
FIRST BIG MTN. MINING CO.	U-6017-88	7/27/92	Kanawha
K-STEELE CORP.	S-121-82	9/8/92	Fayette
MERIDAN OF VIRGINIA, INC.	S-4005-89	9/14/92	McDowell
MERIDAN OF VIRGINIA, INC.	S-4010-88	9/14/92	McDowell
HARVEY ENERGY CORP.	S-3070-86	9/16/92	Fayette

Bond Forfeiture Inventory

COMPANY	PERMIT	DATE REVOKED	COUNTY
F & M COAL CO.	46-79	9/24/92	Preston
F & M COAL CO.	S-1006-88	9/24/92	Preston
CRADDOCK & SON COAL CO.	S-68-83	10/1/92	Nicholas
USE COAL, INC.	S-2016-86	10/2/92	Lewis
KELLEY COAL CO.	S-68-82	10/21/92	Harrison
INTERLAND RESOURCES, INC.	S-4016-90	10/26/92	McDowell
BEECH GROVE COAL CO.	U-85-83	10/28/92	McDowell
BEECH GROVE COAL CO.	UO-439	10/28/92	McDowell
ED-E DEVELOPMENT CO., INC.	S-10-81	1/23/93	Monongalia
ED-E DEVELOPMENT CO., INC.	S-1032-86	3/29/93	Preston
H & D COAL CO.	S-3033-87	4/28/93	Greenbrier
PROSPERITY ENERGY, INC.	S-6001-88	5/26/93	Clay
TERRA CONTRACTORS	P-1022-88	6/3/93	Marion
CRADDOCK & SON COAL CO.	S-3020-88	6/14/93	Fayette
GRINDSTONE MINING CORP.	U-3078-87	6/30/93	Fayette
51 SYSTEMS	O-22-83	6/30/93	Marion
H & D COAL COMPANY	U-69-85	7/2/93	Greenbrier
EASTERN ENERGY INVEST.	U-6030-86	7/29/93	Kanawha
BARRENSHE COAL CO.	UO-694	8/17/93	McDowell
LOGAN COAL & EXP.	D-122-82	8/18/93	Kanawha
ALGOMA A & S, INC.	S-4015-90	9/2/93	McDowell
CAPITOL FUELS, INC.	O-122-83	9/7/93	Kanawha
K & B COAL CO.	U-3054-86	11/15/93	Nicholas
HAWKS NEST MINING CO.	O-1-81	12/7/93	Kanawha
PRINCESS SUSAN COAL CO.	S-6-85	12/7/93	Kanawha
WINCHESTER COALS, INC.	O-52-83	12/7/93	Logan
WINCHESTER COALS, INC.	O-10-81	12/7/93	Lincoln
WINCHESTER COALS, INC.	D-23-81	12/7/93	Logan
PRINCESS SUSAN COAL CO.	S-32-83	12/7/93	Kanawha
PRINCESS SUSAN COAL CO.	S-6002-87	12/7/93	Kanawha
PRINCESS SUSAN COAL CO.	S-6033-86	12/7/93	Kanawha
CENTURY ENTERPRISES	S-58-82	1/6/94	Preston
ROCKVILLE MINING CO.	S-65-82	1/12/94	Preston
ROCKVILLE MINING CO.	65-78	1/12/94	Preston
MOUNTAIN LAUREL RES.	R-734	1/19/94	Summers
WILLIAMS CONSTRUCTION CO.	S-3079-86	1/21/94	Fayette
HARVEY ENERGY CORP.	P-3029-89	1/27/94	Fayette
HARVEY ENERGY CORP.	P-3053-88	1/27/94	Fayette
K-STEELE CORP.	P-47-83	1/27/94	Fayette
EASTERN ENERGY INVEST.	U-6012-88	1/28/94	Boone
M & T MINING CO.	S-3026-89	2/9/94	Nicholas
PRESTON ENERGY, INC.	UO-235	3/18/94	Preston
VMS, LTD.	S-1045-87	4/4/94	Monongalia
EASTERN ENERGY INVEST.	S-6029-86	5/2/94	Kanawha
PRESTON ENERGY, INC.	UO-429	5/5/94	Preston
VALLEY CARBON, INC.	S-3030-90	5/6/94	Kanawha

Bond Forfeiture Inventory

COMPANY	PERMIT	DATE REVOKED	COUNTY
DVR MINING INC.	U-4009-88	5/24/94	McDowell
ROCKVILLE MINING CO.	S-105-82	5/24/94	Preston
PRESTON ENERGY, INC.	O-86-82	5/25/94	Preston
KEENCO COAL CO.	U-106-83	6/28/94	Mingo
REGENCY FINANCIAL SERVICES	P-723	7/7/94	McDowell
DREAMLAND LTD.	I-650	7/29/94	Fayette
MARTIN SALES & PROCESSING	U-5024-90	8/1/94	Mingo
ELK RIVER SEWELL COAL CO.	S-1021-90	8/3/94	Webster
DOUBLE N MINING CO.	S-3055-88	8/9/94	Greenbrier
OAK HILL EXCAVATING	S-3059-88	8/9/94	Nicholas
OAK HILL EXCAVATING	S-3011-87	8/9/94	Nicholas
ELK RIVER SEWELL COAL CO.	O-127-83	8/12/94	Webster
L & R EQUIPMENT CO.	S-3058-86	8/19/94	Nicholas
BRADY CLINE COAL CO.	EM-97	8/23/94	Nicholas
GAULEY COAL SALES CO.	O-43-84	8/23/94	Nicholas
WILLIAMS CONSTRUCTION CO.	P-3015-91	8/29/94	Fayette
GARY COAL SALES, INC.	U-58-84	8/30/94	McDowell
GARY COAL SALES, INC.	S-4030-89	8/30/94	McDowell
MOUNTAIN LAUREL RES.	P-751	9/8/94	Summers
PINNACLE MINING COMPANY OF NORTHERN WV	S-62-85	9/12/94	Monongalia
PINNACLE MINING COMPANY OF NORTHERN WV	S-1028-86	9/12/94	Monongalia
PRESTON ENERGY, INC.	U-103-83	9/29/94	Preston
PRESTON ENERGY, INC.	U-43-84	9/29/94	Preston
PRINCESS SUSAN COAL CO.	S-76-82	10/4/94	Kanawha
OMEGA MINING CO. INC.	D-79-82	10/7/94	Monongalia
SUMMERSVILLE FIVE BLOCK	S-3051-88	11/1/94	Nicholas
SUMMERSVILLE FIVE BLOCK	O-100-83	11/1/94	Clay
REGENCY FINANCIAL SERVICES	U-93-84	11/17/94	Wyoming
MOUNTAIN LAUREL RES.	D-60-82	12/1/94	Fayette
MOUNTAIN LAUREL RESOURCES	D-54-82	12/1/94	Fayette
PINNACLE CREEK MINING CORP.	69-81	12/7/94	Wyoming
PINNACLE CREEK MINING CORP.	R-721	12/7/94	Wyoming
KMADER ENTERPRISES, INC.	U-3020-90	1/9/95	Clay
VICKIE ENERGY, INC.	U-53-85	1/11/95	Pocahontas
VICKIE ENERGY, INC.	S-3038-86	1/11/95	Nicholas
R & C LEASING, INC.	U-59-84	2/1/95	McDowell
SUMMERSVILLE FIVE BLOCK	O-66-82	2/15/95	Clay
B & S CONTRACTING, INC.	S-3031-87	3/9/95	Raleigh
COMFORT RUN COAL CO.	S-3028-89	3/10/95	Fayette
CUB BRANCH DEVELOPMENT	U-5035-87	4/4/95	Mingo
E & A COAL CO.	D-10-81	4/13/95	Raleigh
B & S CONTRACTING, INC.	O-3086-87	4/24/95	Nicholas
B & S CONTRACTING, INC.	U-3055-87	4/24/95	Nicholas
B & S CONTRACTING, INC.	P-645	4/24/95	Nicholas
B & S CONTRACTING, INC.	U-3016-86	4/25/95	Nicholas
VIRGIN COAL SALES, INC.	U-4028-92	5/2/95	McDowell

Bond Forfeiture Inventory

COMPANY	PERMIT	DATE REVOKED	COUNTY
PHOENIX RESOURCES, INC.	S-462	5/12/95	Randolph
WILLIAMS CONSTRUCTION CO.	S-3028-90	5/22/95	Nicholas
WILLIAMS CONSTRUCTION CO.	S-3003-92	5/22/95	Nicholas
CHAFIN COAL CO.	U-70-85	7/11/95	Logan
CHAFIN COAL CO.	UO-21	7/11/95	Logan
CHAFIN COAL CO.	U-140-82	7/11/95	Logan
CHAFIN COAL CO.	D-13-82	7/11/95	Logan
CHAFIN COAL CO.	O-69-82	7/11/95	Logan
CHAFIN COAL CO.	D-18-82	7/11/95	Logan
CHAFIN COAL CO.	U-5027-86	7/11/95	Logan
B & S CONTRACTING, INC.	R-668	7/12/95	Nicholas
M & H COAL CO.	UO-406	7/13/95	Logan
M & H COAL CO.	U-144-83	7/13/95	Logan
POWELLTON CO.	P-5005-88	7/13/95	Mingo
RIDGEWAY DEV.	U-3037-89	10/12/95	Raleigh
WEST VIRGINIA ENERGY, INC.	O-32-83	10/25/95	Brooke
WEST VIRGINIA ENERGY, INC.	S-41-84	10/25/95	Brooke
T & T FUELS, INC.	EM-113	10/31/95	Preston
T & T FUELS, INC.	U-125-83	12/4/95	Preston
M & T MINING CO.	P-3032-90	1/31/96	Nicholas
JIM DANDY COALS INC.	U-77-85	2/27/96	Lewis
COAL ENTERPRISES, INC.	D-108-82	3/6/96	McDowell
IAEGER ENERGY CORP.	UO-155	3/8/96	McDowell
BARRETT FUEL CORP.	EM-133	3/15/96	Raleigh
BARRETT FUEL CORP.	P-731	3/15/96	Raleigh
BARRETT FUEL CORP.	R-737	3/15/96	Raleigh
RALPH KNICELEY CONSTRUCTION	S-2006-93	4/3/96	Randolph
RESOURCES DEVELOPMENT CORPORATION	R-4030-86	4/19/96	McDowell
SLATE CREEK ENERGY, INC.	U-4018-86	4/24/96	McDowell
G & L COAL CO.	S-3035-87	5/21/96	Fayette
G & L COAL CO.	U-3036-87	5/21/96	Fayette
MOUNTAIN TOP FUEL CO., INC.	Z-87-81	6/26/96	Lewis
COAL STRIPPING, INC.	S-1034-90	6/28/96	Monongalia
PAULEY LEASING CO., INC.	U-4029-89	7/3/96	McDowell
FITZPATRICK INDUSTRIES	S-3018-89	7/18/96	Fayette
GREEN MOUNTAIN ENERGY	O-3032-91	8/8/96	Raleigh
STONE COAL COMPANY	D-109-82	8/8/96	Wyoming
STONE COAL COMPANY	U-3024-88	8/26/96	Wyoming
STONE COAL COMPANY	U-3028-86	8/26/96	Raleigh
MERIT COAL COMPANY	U-4008-94	9/23/96	Mingo
AMIGO SMOKELESS COAL CO.	UO-623	10/16/96	Raleigh
AMIGO SMOKELESS COAL CO.	EM-71	10/16/96	Raleigh
WEST VIRGINIA ENERGY, INC.	S-20-83	10/17/96	Ohio
WEST VIRGINIA ENERGY, INC.	S-69-82	10/17/96	Ohio
SOUTHEAST LEASING, INC.	U-3003-89	10/24/96	Raleigh
SOUTHEAST LEASING, INC.	U-3023-87	10/24/96	Raleigh

Bond Forfeiture Inventory

COMPANY	PERMIT	DATE REVOKED	COUNTY
SOUTHEAST LEASING, INC.	S-3024-87	10/24/96	Raleigh
ENERGY LEASING, INC.	I-750	10/24/96	Fayette
GREEN MOUNTAIN ENERGY	U-154-83	10/29/96	Raleigh
STONE COAL COMPANY	U-42-85	11/15/96	Raleigh
STONE COAL COMPANY	R-3025-87	11/15/96	Raleigh
GREEN MOUNTAIN ENERGY	U-4012-90	11/15/96	Wyoming
GREEN MOUNTAIN ENERGY, INC.	U-4007-91	11/15/96	Wyoming
WEST VIRGINIA ENERGY, INC.	S-1012-87	12/4/96	Ohio
KIDD'S ENERGY SALES	UO-383	12/10/96	McDowell
MOUNTAIN CARBON, INC.	O-137-83	12/10/96	Fayette
GREEN MOUNTAIN ENERGY	U-3053-88	1/10/97	Raleigh
MABEN ENERGY CORPORATION	UO-727	1/10/97	Wyoming
STONE COAL COMPANY	UO-252	1/10/97	Wyoming
ATLAS COAL LEASING, INC.	S-3021-89	1/10/97	Wyoming
WEST VIRGINIA ENERGY, INC.	S-29-80	1/23/97	Ohio
WEST VIRGINIA ENERGY, INC.	S-1071-86	1/23/97	Brooke
WEST VIRGINIA ENERGY, INC.	S-72-84	1/23/97	Ohio
WEST VIRGINIA ENERGY, INC.	S-55-85	1/23/97	Brooke
IAEGER ENERGY CORP.	U-231-83	2/3/97	McDowell
BICKFORD MINING INC.	U-44-83	2/5/97	Raleigh
MOUNTAIN MINERALS, INC.	U-225-83	2/19/97	Fayette
MOUNTAIN MINERALS, INC.	O-169-83	2/19/97	Fayette
BICKFORD MINING	U-78-85	3/12/97	Raleigh
J & D COAL CO.	S-44-84	3/12/97	Monongalia
J.A.L. COAL CO., INC.	S-23-82	3/12/97	Monongalia
GREEN MOUNTAIN ENERGY	U-4013-91	3/19/97	Wyoming
BARRETT FUEL CORPORATION	U-82-84	4/10/97	Boone
BARRETT FUEL CORPORATION	U-1-85	4/22/97	Boone
CUB BRANCH DEVELOPMENT	S-5034-87	9/10/97	Mingo
SPRING RIDGE COAL CO.	U-138-83	9/12/97	Webster
SPRING RIDGE COAL CO.	O-68-82	9/12/97	Webster
SPRING RIDGE COAL CO.	R-722	9/12/97	Webster
SPRING RIDGE COAL CO.	S-2034-88	9/12/97	Webster
SPRING RIDGE COAL COMPANY	U-2016-88	9/12/97	Webster
JO-LEE COAL COMPANY	UO-380	9/17/97	Harrison
HILO ENERGY CORP.	U-4019-92	10/20/97	McDowell
SHELL ENERGY COMPANY, INC.	U-1007-90	10/28/97	Harrison
MOUNTAINEER FUELS, INC.	U-3083-87	1/30/98	Nicholas
KEYSTONE COAL, INC.	U-5058-87	3/17/98	Mingo
KEYSTONE COAL, INC.	S-101-85	3/17/98	Mingo
KEYSTONE COAL, INC.	S-84-83	3/17/98	Mingo
KEYSTONE COAL, INC.	U-5045-87	3/17/98	Mingo
KEYSTONE COAL, INC.	U-5057-87	3/17/98	Mingo
KEYSTONE COAL, INC.	U-186-83	3/17/98	Mingo
KEYSTONE COAL, INC.	S-5059-87	3/17/98	Mingo
KEYSTONE COAL, INC.	O-56-85	3/17/98	Mingo

Bond Forfeiture Inventory

COMPANY	PERMIT	DATE REVOKED	COUNTY
WESTSIDE RIVER TERMINAL, INC.	O-46-85	3/23/98	Monongalia
OKEMO CORP.	U-5016-87	4/3/98	Logan
OKEMO CORP.	U-5078-86	4/3/98	Logan
OKEMO CORP.	O-16-85	4/3/98	Logan
OKEMO CORP.	O-16-82	4/3/98	Logan
OKEMO CORP.	D-20-82	4/3/98	Logan
G.L.X. DEVELOPMENT CORP.	UO-675	4/6/98	Kanawha
WILLIAMS CONSTRUCTION	S-3061-88	4/6/98	Nicholas
WAR EAGLE CONSTRUCTION CO.	S-5046-88	5/28/98	Logan
KEYSTONE COAL, INC.	U-5044-87	7/17/98	Mingo
KIDD'S ENERGY SALES, INC.	U-4011-88	10/13/98	McDowell
UPCO COAL, INC.	S-1059-91	11/18/98	Upshur
TRIPLE A COALS, INC.	S-96-85	12/17/98	Nicholas
TRIPLE A COALS, INC.	U-3046-87	12/17/98	Nicholas
TRIPLE A COALS, INC.	S-3028-87	12/17/98	Nicholas
LOGAN COALS, INC.	UO-353	1/26/99	Logan
ILLUSION COAL COMPANY	U-61-83	2/1/99	Wyoming
WHITE HORSE MINING INC.	U-4020-87	2/1/99	Wyoming
COAL VALLEY MINING, INC.	O-3062-89	4/12/99	Raleigh
COAL VALLEY MINING, INC.	S-3047-91	4/12/99	Raleigh
COAL VALLEY MINING, INC.	UO-342	4/12/99	Raleigh
COAL VALLEY MINING, INC.	U-26-83	4/12/99	Raleigh
ROYAL SCOT MINERALS, INC.	31-72	4/28/99	Greenbrier
BLONDY MINING, INC.	EM-118	5/4/99	Barbour
LITWAR ENERGY, INC.	U-4002-94	6/22/99	McDowell
WESTSIDE RIVER TERMINAL, INC.	O-46-84	8/5/99	Monongalia
ACME LEASING, INC.	U-4013-88	9/28/99	McDowell
MARSON COAL COMPANY, INC.	S-2052-86	10/12/99	Randolph
MARSON COAL COMPANY, INC.	U-2005-88	10/12/99	Randolph
MARSON COAL COMPANY, INC.	U-2029-87	10/12/99	Webster
MARK A. SOUTHERN GENERAL CONTRACTOR	S-1006-92	10/20/99	Harrison
MORGANTOWN ENERGY EXPORT COMPANY	S-8-84	11/2/99	Monongalia
SANDRIDGE COAL CO.	S-1084-86	11/2/99	Monongalia
PUPS CREEK COALS, INC.	S-3006-94	12/6/99	Raleigh
QUINTAIN DEVELOPMENT, LLC	S-5033-96	1/24/00	Mingo
TRIPLE A COALS, INC.	U-22-85	1/24/00	Nicholas
EASTERN LEASING & EQUIPMENT COMPANY	U-2037-86	2/9/00	Webster
BOLINGREEN MINING COMPANY	S-1024-88	2/10/00	Preston
JINKS MINING COMPANY	S-113-85	2/24/00	Nicholas
JINKS MINING COMPANY	U-3031-93	2/24/00	Nicholas
TRIPLE A COALS, INC.	U-3006-87	2/24/00	Nicholas
TRIPLE A COALS, INC.	O-3077-87	2/24/00	Nicholas
K. C. & M. COAL COMPANY, INC.	S-1023-88	3/8/00	Preston
FLAGGY MEADOW COAL COMPANY	U-1012-93	3/16/00	Monongalia
MARSON COAL COMPANY, INC.	O-2044-88	4/13/00	Randolph
STARCO ENERGY, INC.	R-7-81	4/25/00	McDowell

Bond Forfeiture Inventory

COMPANY	PERMIT	DATE REVOKED	COUNTY
STARCO ENERGY, INC.	O-36-84	4/25/00	McDowell
ROYAL SCOT MINERALS, INC.	S-3050-86	4/26/00	Greenbrier
ROYAL SCOT MINERALS, INC.	S-3076-86	4/26/00	Greenbrier
ROYAL SCOT MINERALS, INC.	S-65-85	4/27/00	Greenbrier
ROYAL SCOT MINERALS, INC.	S-682	4/27/00	Greenbrier
ROYAL SCOT MINERALS, INC.	U-3017-87	4/27/00	Greenbrier
ROYAL SCOT MINERALS, INC.	U-3046-88	4/27/00	Greenbrier
ROYAL SCOT MINERALS, INC.	D-125-82	4/27/00	Greenbrier
ROYAL SCOT MINERALS, INC.	O-103-83	4/27/00	Greenbrier
ROYAL SCOT MINERALS, INC.	O-104-83	4/27/00	Greenbrier
ROYAL SCOT MINERALS, INC.	56-81	4/27/00	Greenbrier
ROYAL SCOT MINERALS, INC.	U-40-85	4/27/00	Greenbrier
ROYAL SCOT MINERALS, INC.	D-32-81	4/27/00	Greenbrier
ROYAL SCOT MINERALS, INC.	U-3074-87	4/27/00	Greenbrier
ROYAL SCOT MINERALS, INC.	32-81	4/27/00	Greenbrier
ROYAL SCOT MINERALS, INC.	U-107-83	4/27/00	Greenbrier
ROYAL SCOT MINERALS, INC.	U-3062-87	4/27/00	Greenbrier
ROYAL SCOT MINERALS, INC.	U-3020-86	4/27/00	Greenbrier
ROYAL SCOT MINERALS, INC.	S-90-82	4/27/00	Greenbrier
ROYAL SCOT MINERALS, INC.	S-99-83	4/27/00	Greenbrier
ROYAL SCOT MINERALS, INC.	O-1-82	4/27/00	Greenbrier
ROYAL SCOT MINERALS, INC.	U-3066-88	4/27/00	Greenbrier
ROYAL SCOT MINERALS, INC.	O-71-83	4/27/00	Greenbrier
ROYAL SCOT MINERALS, INC.	S-176-75	4/27/00	Greenbrier
ROYAL SCOT MINERALS, INC.	S-3012-93	4/27/00	Greenbrier
ROYAL SCOT MINERALS, INC.	O-67-82	4/27/00	Greenbrier
ROYAL SCOT MINERALS, INC.	S-3070-88	4/27/00	Greenbrier
ROYAL SCOT MINERALS, INC.	S-3011-88	4/27/00	Greenbrier
ROYAL SCOT MINERALS, INC.	S-47-83	4/27/00	Greenbrier
ROYAL SCOT MINERALS, INC.	S-3009-89	4/27/00	Greenbrier
ROYAL SCOT MINERALS, INC.	UO-571	4/27/00	Greenbrier
ROYAL SCOT MINERALS, INC.	R-3078-86	4/27/00	Greenbrier
ROYAL SCOT MINERALS, INC.	S-65-76	4/27/00	Greenbrier
ROYAL SCOT MINERALS, INC.	S-60-83	4/27/00	Greenbrier
PUPS CREEK COALS, INC.	S-3002-92	7/18/00	Raleigh
BELVA COAL COMPANY	S-5029-93	8/16/00	Logan
MARSON COAL COMPANY, INC.	S-2021-87	9/11/00	Randolph
EPLING COAL ENTERPRISES, INC.	S-67-85	10/25/00	Nicholas
C. C. CONLEY & SONS, INC.	S-3046-91	12/7/00	Nicholas
MID-ATLANTIC RESOURCE CORPORATION	U-3040-87	1/2/01	Raleigh
MID-ATLANTIC RESOURCE CORPORATION	U-3044-91	1/2/01	Raleigh
MID-ATLANTIC RESOURCE CORPORATION	U-3045-86	1/2/01	Raleigh
MID-ATLANTIC RESOURCE CORPORATION	U-3067-86	1/2/01	Raleigh
MID-ATLANTIC RESOURCE CORPORATION	D-73-82	1/2/01	Raleigh
MID-ATLANTIC RESOURCE CORPORATION	O-23-85	1/2/01	Raleigh
ELMINA COAL COMPANY	U-4012-86	1/8/01	McDowell

Bond Forfeiture Inventory

COMPANY	PERMIT	DATE REVOKED	COUNTY
VIKING COAL COMPANY	UO-519	1/18/01	Preston
BELVA COAL COMPANY	P-654	1/26/01	Logan
BELVA COAL COMPANY	R-591	1/26/01	Logan
BELVA COAL COMPANY	S-41-80	1/26/01	Logan
BELVA COAL COMPANY	S-94-82	1/26/01	Logan
DELTA TERMINALS, INC.	S-42-80	1/30/01	Boone
DELTA TERMINALS, INC.	Z-54-81	1/30/01	Boone
LANDMARK CORPORATION	S-5047-89	1/30/01	Boone
LANDMARK CORPORATION	S-34-82	1/30/01	Boone
LANDMARK CORPORATION	S-5069-88	1/30/01	Boone
MARSON COAL COMPANY, INC.	EM-44	2/8/01	Webster
MARSON COAL COMPANY, INC.	EM-91	2/8/01	Randolph
MARSON COAL COMPANY, INC.	I-608	2/8/01	Randolph
MARSON COAL COMPANY, INC.	U-90-84	2/8/01	Webster
RHINO COAL, LLC	U-4027-88	3/6/01	McDowell
RALEIGH APPALACHIAN REMINING, INC.	P-3038-97	3/29/01	Raleigh
TYPICAL ENTERPRISES	U-5006-95	4/5/01	Lincoln
UPCO COAL, INC.	S-197-75	4/17/01	Upshur
UPCO COAL, INC.	S-2009-89	4/17/01	Upshur
UPCO COAL, INC.	S-2010-87	4/17/01	Upshur
MID-ATLANTIC RESOURCE CORPORATION	U-3036-92	4/23/01	Raleigh
DEAN FUELS, INC.	S-24-83	6/11/01	Monongalia
J & N PROCESSING COMPANY, LLC	O-58-83	6/29/01	Raleigh
MATE CREEK LOADING, INC.	O-5059-86	7/14/01	Mingo
DEAN FUELS, INC.	U-160-82	8/7/01	Monongalia
BALDWIN MINING COMPANY	D-75-82	8/22/01	Gilmer
C. C. CONLEY & SONS, INC.	S-2002-92	9/10/01	Webster
C. C. CONLEY & SONS, INC.	U-1041-91	9/10/01	Webster
ALAN BLOSSER	S-1010-87	1/2/02	Monongalia
D & A RESOURCES, INC.	U-3042-89	1/30/02	Fayette
ATWELL HOLDING, INC.	U-4019-88	3/4/02	McDowell
COUGAR COAL CO.	P-1029-97	5/1/02	Taylor
A & B THOMAS, INC.	U-50-85	7/12/02	Nicholas
A & B THOMAS, INC.	U-171-83	7/12/02	Nicholas
LO-MING COAL CORPORATION	U-5036-88	9/17/02	Logan
LO-MING COAL CORPORATION	O-5092-87	9/17/02	Logan
LO-MING COAL CORPORATION	U-5049-87	9/17/02	Logan
LO-MING COAL CORPORATION	O-5035-88	9/17/02	Logan
AUTHOR ENTERPRISES, INC.	U-4012-94	10/4/02	McDowell
BELL HOLDING, INC.	EM-116	10/4/02	McDowell
AUTHOR ENTERPRISES, INC.	U-4017-91	10/4/02	McDowell
BELL HOLDING, INC.	H-290	10/4/02	McDowell
GOLDEN FALCON RESOURCES, INC.	U-61-84	10/4/02	McDowell
BARBOUR ENTERPRISES, INC.	S-2003-97	10/24/02	Lewis
PREMIUM ROCK COAL COMPANY, INC.	P-3027-99	10/24/02	Raleigh
INDUSTRIAL ENERGY, INC.	U-101-83	11/21/02	Nicholas

Bond Forfeiture Inventory

COMPANY	PERMIT	DATE REVOKED	COUNTY
J. C. B. MINING, INC.	U-2006-88	12/30/02	Lewis
A & B THOMAS, INC.	UO-131	1/28/03	Nicholas
LO-MING COAL CORPORATION	U-5018-98	1/28/03	Logan
LO-MING COAL CORPORATION	U-5023-97	1/28/03	Logan
LO-MING COAL CORPORATION	U-5084-88	1/28/03	Logan
LO-MING COAL CORPORATION	U-5085-88	1/28/03	Logan
CHICOPEE COAL COMPANY, INC.	O-6013-88	1/31/03	Clay
CHICOPEE COAL COMPANY, INC.	O-6021-89	1/31/03	Clay
CHICOPEE COAL COMPANY, INC.	S-73-85	1/31/03	Clay
CHICOPEE COAL COMPANY, INC.	U-6018-86	1/31/03	Clay
ANTAEUS GARY PROJECT, INC.	O-20-84	3/25/03	McDowell
LINN MINING COMPANY	U-1008-92	6/30/03	Harrison
FREEMPORT MINING CORPORATION	S-1005-95	7/8/03	Preston
FREEMPORT MINING CORPORATION	S-1004-88	7/8/03	Preston
FREEMPORT MINING CORPORATION	S-1019-87	8/18/03	Preston
QUINTAIN DEVELOPMENT, INC.	P-5013-96	11/3/03	Wayne
QUINTAIN DEVELOPMENT, INC.	P-5036-98	11/3/03	Wayne
QUINTAIN DEVELOPMENT, INC.	P-5007-98	11/3/03	Wayne
QUINTAIN DEVELOPMENT, INC.	P-5038-97	11/3/03	Wayne
PLUM TREE MINERALS LLC.	S-3010-98	12/2/03	Raleigh
THE MASTELLER COAL COMPANY	S-10-85	12/10/03	Mineral
LODESTAR ENERGY, INC.	S-3016-92	1/13/04	Raleigh
LODESTAR ENERGY, INC.	S-3006-89	1/21/04	Nicholas
LODESTAR ENERGY, INC.	S-3083-86	1/21/04	Nicholas
LODESTAR ENERGY, INC.	S-19-85	1/21/04	Nicholas
PEACHTREE RIDGE MINING, INC.	U-18-83	1/29/04	Raleigh
PLUM TREE MINERALS LLC.	P-3035-01	1/30/04	Raleigh
LODESTAR ENERGY, INC.	O-172-83	1/30/04	Fayette
GRACE ENTERPRISES, INC.	S-2007-01	3/15/04	Harrison
GRACE ENTERPRISES, INC.	S-1008-97	3/15/04	Marion
ANDERSON COAL COMPANY	U-3049-86	3/30/04	Nicholas
THE MASTELLER COAL COMPANY	S-125-82	5/3/04	Mineral
LODESTAR ENERGY, INC.	R-5-84	5/24/04	Wyoming
GLADY FORK MINING, INC.	D-35-82	6/7/04	Upshur
THE MASTELLER COAL COMPANY	P-741	6/7/04	Mineral
REGENCY LAND COMPANY	U-5069-87	9/7/04	Logan
MAURICE JENNINGS	S-61-83	11/30/04	Preston
MAURICE JENNINGS	53-78	12/10/04	Preston
FLEX DEVELOPMENT CORPORATION	S-1013-91	1/11/05	Harrison
FALCON LAND COMPANY, INC.	P-656	4/5/05	Nicholas
C & M COAL CONTRACTING, INC.	S-1001-99	4/19/05	Harrison
FALCON LAND COMPANY, INC.	P-664	5/9/05	Nicholas
GLADY FORK MINING, INC.	U-60-83	5/23/05	Upshur
GLADY FORK MINING, INC.	U-2001-01	5/23/05	Upshur
GLADY FORK MINING, INC.	O-4-84-1	5/23/05	Upshur
GLADY FORK MINING, INC.	P-2012-00	6/21/05	Upshur

Bond Forfeiture Inventory

COMPANY	PERMIT	DATE REVOKED	COUNTY
PINE CREEK MINING INC	U-51-84	2/27/06	Logan
PINE CREEK MINING INC	U-5056-88	2/27/06	Logan
LITTLE HOPE MINING INC.	U-63-85	3/21/06	Mingo
CHICOPEE COAL COMPANY, INC.	U-3010-87	3/28/06	Nicholas
CHICOPEE COAL COMPANY, INC.	UO-223	3/28/06	Nicholas
CHICOPEE COAL COMPANY, INC.	U-3003-86	3/28/06	Nicholas
CHICOPEE COAL COMPANY, INC.	U-55-85	3/28/06	Nicholas
CHICOPEE COAL COMPANY, INC.	S-3036-86	3/28/06	Nicholas
CHICOPEE COAL COMPANY, INC.	S-3006-99	3/28/06	Nicholas
MARK POWELL CONSTRUCTION COMPANY	P-1018-00	4/24/06	Monongalia
MARK POWELL CONSTRUCTION COMPANY	P-1013-00	4/24/06	Monongalia
CHICOPEE COAL COMPANY, INC.	U-10-85	6/23/06	Nicholas
LOYAL G. FORMAN & SON	S-2009-01	6/23/06	Preston
CHICOPEE COAL COMPANY, INC.	S-3002-98	6/23/06	Nicholas
LOYAL G. FORMAN & SON	S-1002-99	6/23/06	Preston
LAYLAND COAL COMPANY	O-20-85	7/28/06	Fayette
BUFFALO COAL COMPANY, INC.	S-53-80	9/29/06	Grant
BUFFALO COAL COMPANY, INC.	S-52-80	9/29/06	Grant
BUFFALO COAL COMPANY, INC.	S-122-80	9/29/06	Tucker
BUFFALO COAL COMPANY, INC.	O-96-83	9/29/06	Grant
BUFFALO COAL COMPANY, INC.	O-97-83	9/29/06	Tucker
BUFFALO COAL COMPANY, INC.	S-2001-86	9/29/06	Grant
BUFFALO COAL COMPANY, INC.	O-40-84	10/24/06	Grant
BUFFALO COAL COMPANY, INC.	H-499	10/24/06	Grant
BUFFALO COAL COMPANY, INC.	U-2001-02	10/26/06	Grant
BUFFALO COAL COMPANY, INC.	S-2005-95	10/26/06	Tucker
BUFFALO COAL COMPANY, INC.	U-38-85	10/26/06	Tucker
BUFFALO COAL COMPANY, INC.	U-2013-00	10/26/06	Grant
LEVEL LAND MINING CORPORATION	S-3031-90	11/8/06	Fayette
LID ENTERPRISES, INC.	P-4008-04	11/16/06	McDowell
LAKE ENERGY, INC	U-133-83	2/15/07	Logan
TYGART VALLEY MINING, INC.	U-2002-95	2/28/07	Barbour
FOSSIL FUELS, INC.	P-3020-02	3/14/07	Nicholas
LEVEL LAND CONSTRUCTION COMPANY, INC.	S-3026-88	8/8/07	Nicholas
LEVEL LAND CONSTRUCTION COMPANY, INC.	S-3007-89	8/8/07	Nicholas
LEVEL LAND CONSTRUCTION COMPANY, INC.	S-3027-90	8/8/07	Nicholas
POCAHONTAS RESOURCES, INC.	S-3012-92	9/6/07	Nicholas
ALTEC ENERGY, INC	P-3010-99	10/22/07	Kanawha
MANGUS COAL, INC.	S-1036-91	3/14/08	Preston
TYPICAL ENTERPRISES	P-5009-91	5/28/08	Lincoln
TYPICAL ENTERPRISES	P-5013-91	5/28/08	Lincoln
CLEARWATER CONSTRUCTION	S-3016-99	5/28/08	Fayette
POLARIS COAL JOINT VENTURE	P-2007-00	5/28/08	Clay
BLACKHEART MINING INC	P-5034-90	5/28/08	Boone
SANDRIDGE COAL, LLC	UO-401	7/1/08	Barbour
BUFFALO COAL COMPANY, INC.	146-77	7/10/08	Tucker

Bond Forfeiture Inventory

COMPANY	PERMIT	DATE REVOKED	COUNTY
BUFFALO COAL COMPANY, INC.	S-1048-91	7/10/08	Grant
BUFFALO COAL COMPANY, INC.	S-74-76	7/10/08	Tucker
BUFFALO COAL CO., INC.	U-2004-03	7/10/08	Grant
BUFFALO COAL COMPANY, INC.	S-100-84	7/10/08	Grant
BUFFALO COAL COMPANY, INC.	S-32-84	7/10/08	Grant
BUFFALO COAL COMPANY, INC.	S-2023-92	7/10/08	Tucker
BUFFALO COAL COMPANY, INC.	S-7-80	7/10/08	Tucker
BUFFALO COAL COMPANY, INC.	S-61-85	7/10/08	Tucker
BUFFALO COAL COMPANY, INC.	S-2003-03	7/10/08	Grant
BUFFALO COAL COMPANY, INC.	S-2018-88	7/10/08	Tucker
BUFFALO COAL COMPANY, INC.	S-2008-02	7/10/08	Grant
BUFFALO COAL COMPANY, INC.	S-2007-96	7/10/08	Tucker
BUFFALO COAL COMPANY, INC.	S-2018-00	7/10/08	Grant
BUFFALO COAL COMPANY, INC.	S-2011-92	7/10/08	Preston
BUFFALO COAL COMPANY, INC.	O-2006-95	7/10/08	Tucker
BUFFALO COAL COMPANY, INC.	S-2004-02	7/10/08	Grant
BUFFALO COAL COMPANY, INC.	S-2006-86	7/10/08	Grant
BUFFALO COAL COMPANY, INC.	S-2011-87	7/10/08	Grant
BUFFALO COAL COMPANY, INC.	S-2011-95	7/10/08	Grant
BUFFALO COAL COMPANY, INC.	S-2003-88	8/20/08	Tucker
BUFFALO COAL COMPANY, INC.	U-2010-94	10/6/08	Grant
GRACE ENTERPRISES, INC.	P-2016-02	10/6/08	Harrison
BURN COAL, INC.	U-2005-97	11/25/08	Upshur
LAROSA FUEL CO., INC.	S-39-84	11/25/08	Upshur
DECONDOR COAL CO.	U-1080-86	11/25/08	Preston
DECONDOR COAL CO.	U-147-82	11/25/08	Preston
RODNEY RIDDLE	P-3041-05	12/12/08	Nicholas
BUFFALO COAL COMPANY, INC.	I-542	12/12/08	Grant
RIFFE ENTERPRISES, INC.	O-3012-07	2/3/09	Raleigh
FALCON LAND COMPANY, INC.	P-5023-01	7/2/09	Logan
CHEYENNE SALES COMPANY, INC.	O-11-83	7/9/09	Upshur
LAROSA FUEL CO., INC.	S-1051-86	7/24/09	Marion
CHEYENNE SALES CO., INC.	S-2009-96	9/22/09	Upshur
CHEYENNE SALES CO., INC.	O-2025-86	9/22/09	Upshur
ROBLEE COAL COMPANY	O-1009-93	11/9/09	Upshur
ROBLEE COAL COMPANY	U-1001-91	1/11/10	Upshur
ROBLEE COAL COMPANY	U-2026-87	3/16/10	Barbour
ROBLEE COAL COMPANY	D-49-82	3/16/10	Barbour
ROBLEE COAL COMPANY	U-2001-00	4/22/10	Upshur
ENERGY MARKETING COMPANY INC	U-24-84	5/24/10	Barbour
ENERGY MARKETING COMPANY INC	O-44-83	6/7/10	Barbour
CARSON ONE MINING, LLC	O-4-84	10/1/10	Upshur
BOOMERANG COAL, INC.	S-2015-06	3/8/11	Randolph
PRIMROSE COAL, INC.	7-81	3/23/11	Preston
SHARON COAL CO.	S-1028-87	3/23/11	Preston
HAROLD KITZMILLER	O-2008-07	3/30/11	Grant

Bond Forfeiture Inventory

COMPANY	PERMIT	DATE REVOKED	COUNTY
APPALACHIAN FUELS, LLC	S-3041-88	7/25/11	Clay
APPALACHIAN FUELS, LLC.	P-3055-06	10/23/12	Fayette
APPALACHIAN FUELS, LLC.	P-3019-08	10/23/12	Fayette
APPALACHIAN FUELS, LLC.	P-3005-09	10/23/12	Fayette
KANAWHA DEVELOPMENT CORPORATION	H-631	11/29/12	Fayette
KANAWHA DEVELOPMENT CORPORATION	O-14-81	1/17/13	Fayette
KANAWHA DEVELOPMENT CORPORATION	O-38-84	1/17/13	Fayette
MARY RUTH CORPORATION	S-1015-88	1/17/13	Preston
CHICOPEE COAL COMPANY, INC.	P-3015-99	2/13/13	Nicholas
ENERGY MARKETING CO. INC.	UO-885	2/27/13	Barbour
ENERGY MARKETING CO. INC.	UO-520	2/27/13	Barbour
ENERGY MARKETING CO., INC.	U-16-83	2/27/13	Barbour
ENERGY MARKETING CO. INC.	U-72-83	2/27/13	Barbour
ENERGY MARKETING CO. INC	O-26-84	2/27/13	Barbour
ENERGY MARKETING CO. INC.	U-74-83	3/4/13	Barbour
ROARING RIVER HOLDING COMPANY	P-3006-07	8/20/13	Fayette
HIDDEN VALLEY ESTATES GOLF COURSE, INC.	S-1003-98	8/20/13	Marion
DOUBLE H MINING CO. INC.	U-1004-94	12/5/13	Preston
MARROWBONE DEVELOPMENT CO.	P-5035-99	12/5/13	Mingo
ASSET MINING, LLC.	S-5030-95	12/6/13	Boone
ASSET MINING, LLC.	S-5024-96	12/6/13	Boone
RAVEN HOCKING COAL CORP	O-6003-87	7/14/14	Mason
UNITED COALS, INC.	U-2015-87	9/8/14	Barbour
UNITED COALS, INC.	S-2008-00	9/8/14	Barbour
GOLD RESOURCES, LLC	S-1003-97	9/8/14	Harrison
HAROLD KITZMILLER	P-2031-08	11/14/14	Grant
ENVIROSERVE, INC. dba BETCON, INC.	P-4001-02	3/19/15	Mercer
T.S. MINING, LLC	P-2038-11	3/20/15	Webster
T.S. MINING, LLC	P-2043-11	3/20/15	Webster
SHAFER BROTHER CONSTRUCTION, INC.	S-2002-12	5/11/15	Monongalia
SHAFER BROTHER CONSTRUCTION, INC.	S-2006-02	5/11/15	Monongalia
SHAFER BROTHER CONSTRUCTION, INC,	S-2008-09	5/11/15	Monongalia
SHAFER BROTHER CONSTRUCTION, INC.	S-2011-10	5/11/15	Monongalia
SHAFER BROTHER CONSTRUCTION, INC.	S-2004-04	5/11/15	Monongalia
SHAFER BROTHER CONSTRUCTION, INC.	S-2012-06	5/11/15	Monongalia
DEEPGREEN WV, INC.	O-164-83	10/5/15	McDowell
ANGEL COAL COMPANY, INC.	U-1012-92	10/13/15	Marion
EAGLE RIDGE DEVELOPMENT GROUP, LLC	S-3018-93	6/22/16	Fayette
EAGLE RIDGE DEVELOPMENT GROUP, LLC	S-3027-05	6/22/16	Fayette
EAGLE RIDGE DEVELOPMENT GROUP, LLC	S-3003-06	6/22/16	Fayette
EAGLE RIDGE DEVELOPMENT GROUP, LLC	S-3016-08	6/22/16	Fayette
EAGLE RIDGE DEVELOPMENT GROUP, LLC	S-3035-07	6/22/16	Nicholas
OMEGA MINING COMPANY	S-15-84	1/11/18	Monongalia
CHARLES EUGENE WITHROW	Q-3015-95	8/8/18	Greenbrier
APPALACHIA COAL CORPORATION	P-2056-08	8/16/18	Preston
EAGLE RIDGE DEVELOPMENT GROUP, LLC	P-3031-09	8/16/18	Nicholas

Bond Forfeiture Inventory

COMPANY	PERMIT	DATE REVOKED	COUNTY
MAPLE COAL COMPANY LLC	P-3025-14	8/16/18	Fayette
MAPLE COAL COMPANY LLC	P-3031-11	8/16/18	Fayette
MAPLE COAL COMPANY LLC	P-3012-11	8/16/18	Fayette

Acid Mine Drainage Inventory with Estimated Operating/Maintenance Costs

OFFICE	COMPANY	PERMIT	DATE REVOKED	ESTIMATED OP/MAIN COSTS
C	ALPHAINE CORP.	S-6032-86	4/27/1989	\$3,694.86
C	APPALACHIAN FUELS, LLC	S-3041-88	7/25/2011	\$6,010.00
C	ASSET MINING, LLC.	S-5030-95	12/6/2013	\$26,967.00
C	B & S CONTRACTING, INC.	U-3055-87	4/24/1995	\$5,049.64
C	BELLE CONTRACTING, INC.	S-6020-87	11/14/1989	\$6,549.93
C	BENHAM GROUP, LTD.	120-79	1/1/1990	\$21,553.33
C	BLACK DIAMOND MINING CO.	13-79	4/1/1989	
C	BRADY CLINE COAL CO.	EM-97	8/23/1994	\$11,241.91
C	C. C. CONLEY & SONS, INC.	S-3046-91	12/7/2000	\$23,154.43
C	CHAFIN COAL CO.	O-69-82	7/11/1995	\$615.81
C	CHICOPEE COAL COMPANY, INC.	S-3002-98	6/23/2006	\$14,206.00
C	CHICOPEE COAL COMPANY, INC.	O-6013-88	1/31/2003	\$5,442.00
C	CHICOPEE COAL COMPANY, INC.	S-3006-99	3/28/2006	\$95,442.00
C	COAL X, INC.	UO-396	1/1/1986	\$1,969.26
C	COWACO, INC.	R-3022-87	1/22/1992	\$1,724.27
C	CRADDOCK & SON COAL CO.	S-68-83	10/1/1992	\$246.32
C	EAGLE RIDGE DEVELOPMENT GROUP, LLC	S-3016-08	6/22/2016	\$29,000.00
C	EASTERN ENERGY INVEST.	U-6012-88	1/28/1994	\$479.47
C	EASTERN ENERGY INVEST.	S-6029-86	5/2/1994	\$93,849.37
C	GOLD STAR MINING CORP.	S-121-85	7/15/1987	\$862.13
C	GREENDALE COALS, INC.	S-75-83	4/1/1987	\$273,976.00
C	HAWKS NEST MINING CO.	O-1-81	12/7/1993	\$13,055.16
C	HUNT COAL, INC.	U-5071-86	6/14/1989	\$13,039.93
C	JOHN GALT	D-76-82	8/29/1991	\$2,500.10
C	KEYSTONE COAL, INC.	U-186-83	3/17/1998	\$11,593.00
C	KEYSTONE COAL, INC.	S-84-83	3/17/1998	\$6,158.09
C	LANDMARK CORPORATION	S-5069-88	1/30/2001	\$24,657.00
C	LANDMARK CORPORATION	S-34-82	1/30/2001	\$8,917.00
C	LO-MING COAL CORPORATION	U-5049-87	9/17/2002	\$11,555.00
C	LODESTAR ENERGY, INC.	S-3006-89	1/21/2004	\$46,794.00
C	LODESTAR ENERGY, INC.	S-3083-86	1/21/2004	\$10,088.00
C	M & T MINING CO.	S-3026-89	2/9/1994	
C	PRINCESS SUSAN COAL CO.	S-6033-86	12/7/1993	\$3,571.70
C	PRINCESS SUSAN COAL CO.	S-6-85	12/7/1993	\$7,046.53
C	PRINCESS SUSAN COAL CO.	S-76-82	10/4/1994	\$246.32
C	SALYERS LEASING CORP.	U-5066-87	8/1/1989	\$246.32
C	SAN SUE COAL CO.	19-75	1/13/1989	\$24,755.54
C	SUMMERSVILLE FIVE BLOCK	S-3051-88	11/1/1994	\$230,853.00
C	TEMPLEMAN CONST. CO., INC.	151-75	6/1/1988	\$985.30
C	WINCHESTER COALS, INC.	O-52-83	12/7/1993	\$51.37
C	X W CORP.	S-6013-87	4/20/1989	\$5,600.00
C	ZY COAL CO	S-6028-88	12/12/1991	\$7,526.00

Acid Mine Drainage Inventory with Estimated Operating/Maintenance Costs

C	ZY COAL CO.	91-79	12/12/1991	\$2,600.00
C	ZY COAL CO.	S-30-80	12/12/1991	\$1,152.00
N	A S & K, INC.	S-1011-89	8/23/1991	\$31,463.00
N	ALAN BLOSSER	S-1010-87	1/2/2002	\$0.00
N	AMANDA NICOLE FUELS, INC.	S-1018-88	6/12/1992	\$4,926.48
N	BALDWIN MINING COMPANY	D-75-82	8/22/2001	\$29,398.00
N	BJORKMAN MINING CO.	S-37-81	9/23/1992	\$41,765.44
N	BOLINGREEN MINING COMPANY	S-1024-88	2/10/2000	\$1,724.27
N	BOOMERANG COAL, INC.	S-2015-06	3/8/2011	\$27,349.00
N	BORGMAN COAL CO.	EM-32	10/1/1991	\$15,796.89
N	BUFFALO COAL COMPANY, INC.	S-53-80	9/29/2006	\$122,443.00
N	BUFFALO COAL COMPANY, INC.	S-2001-86	9/29/2006	\$66,769.00
N	BUFFALO COAL COMPANY, INC.	S-2011-92	7/10/2008	
N	BUFFALO COAL COMPANY, INC.	S-2003-88	8/20/2008	\$82,266.00
N	BUFFALO COAL COMPANY, INC.	S-52-80	9/29/2006	\$107,233.00
N	BUFFALO COAL COMPANY, INC.	S-2006-86	7/10/2008	\$3,616.00
N	BUFFALO COAL COMPANY, INC.	S-122-80	9/29/2006	\$42,831.00
N	BUFFALO COAL COMPANY, INC.	S-2003-03	7/10/2008	\$30,748.00
N	CARSON ONE MINING, LLC	O-4-84	10/1/2010	\$49,046.00
N	CHESTNUT RIDGE COAL CORP.	S-28-83	11/15/1993	\$31,283.12
N	CHEYENNE SALES CO., INC.	S-2009-96	9/22/2009	\$67,181.00
N	CHEYENNE SALES COMPANY, INC.	O-11-83	7/9/2009	\$77,579.00
N	CRANE COAL CO., INC.	S-27-83	1/3/1992	\$3,941.18
N	DAUGHERTY COAL COMPANY, INC.	246-74	8/1/1989	
N	DAUGHERTY COAL COMPANY, INC.	S-73-83	7/17/1989	
N	DAUGHERTY COAL COMPANY, INC.	S-1009-86	7/17/1989	\$25,680.23
N	DAUGHERTY COAL COMPANY, INC.	124-79	8/18/1989	
N	DAUGHERTY COAL COMPANY, INC.	192-77	7/1/1989	\$134.20
N	DAUGHERTY COAL COMPANY, INC.	65-77	7/12/1989	\$19,178.88
N	DAUGHERTY COAL COMPANY, INC.	17-81	4/1/1989	
N	DECONDOR COAL CO.	U-147-82	11/25/2008	\$35,521.00
N	DELTA MINING, INC.	U-2024-87	3/18/1993	\$8,166.56
N	DLM COAL CO.	12-78	9/16/1985	
N	DLM COAL CO.	R-423	9/16/1985	
N	DLM COAL CO.	2-80	9/13/1985	
N	DLM COAL CO.	23-76	10/1/1985	
N	DLM COAL CO.	164-77	9/16/1985	
N	DLM COAL CO.	71-75	10/1/1985	
N	DLM COAL CO.	58-77	9/16/1985	
N	DLM COAL CO.	135-78	9/16/1985	
N	DLM COAL CO.	P-426	9/16/1985	
N	DLM COAL CO.	1-78	9/16/1985	
N	DLM COAL CO.	138-74	9/3/1985	
N	ED-E DEVELOPMENT CO., INC.	S-10-81	1/23/1993	\$49,702.41
N	ED-E DEVELOPMENT CO., INC.	S-1032-86	3/29/1993	\$26,216.84

Acid Mine Drainage Inventory with Estimated Operating/Maintenance Costs

N	EDWARD E. THOMPSON	S-1041-89	2/15/1994	\$63,858.40
N	ENERGY MARKETING CO. INC.	U-72-83	2/27/2013	\$29,398.00
N	ENERGY MARKETING COMPANY INC	O-44-83	6/7/2010	\$46,217.00
N	F & M COAL CO.	46-79	9/24/1992	\$369.49
N	F & M COAL CO.	S-57-84	3/13/1992	\$69,889.06
N	F & M COAL CO.	S-1026-87	4/30/1992	\$246.32
N	F & M COAL CO.	S-1044-87	4/30/1992	\$163,074.48
N	F & M COAL CO.	S-1073-86	3/13/1992	
N	FARKAS COAL CO.	34-81	7/1/1988	\$4,846.09
N	FREEMPORT MINING CORPORATION	S-1005-95	7/8/2003	\$48,592.00
N	FRUSH ENTERPRISES	S-1052-86	5/30/1991	
N	FRUSH ENTERPRISES, INC.	S-1008-89	11/10/1992	\$8,867.66
N	GLADE RUN MINING CO.	3-72	10/3/1983	\$24,958.23
N	GLADY FORK MINING, INC.	D-35-82	6/7/2004	\$191,169.96
N	GLORY COAL CO., INC.	UO-744	12/1/1985	\$47,466.35
N	GOLDEN PRODUCTS CO.	S-1009-88	3/1/1991	\$1,464.10
N	HALLELUJAH MINING	40-81	9/24/1992	\$27,894.99
N	HIDDEN VALLEY COAL CO.	S-60-84	8/29/1989	\$16,503.69
N	INTER-STATE LUMBER COMPANY, INC.	S-52-83	7/31/1995	\$1,601.10
N	INTER-STATE LUMBER COMPANY, INC.	S-96-82	7/31/1995	\$0.00
N	INTER-STATE LUMBER COMPANY, INC.	176-77	7/31/1995	\$18,474.29
N	INTER-STATE LUMBER COMPANY, INC.	S-39-82	7/31/1995	\$43,254.00
N	INTER-STATE LUMBER COMPANY, INC.	S-112-80	7/31/1995	\$14,163.62
N	J. C. B. MINING, INC.	U-2006-88	12/30/2002	\$11,441.00
N	J. E. B., INC.	S-61-82	11/1/1991	\$3,356.30
N	J. E. B., INC.	S-1063-86	11/1/1991	\$7,759.20
N	J.A.L. COAL CO., INC.	S-23-82	3/12/1997	\$33,077.00
N	JONES COAL INC	S-9-83	11/17/1992	\$13,422.00
N	JONES COAL INC	S-1030-86	7/24/1992	\$6,650.74
N	KEISTER COAL COMPANY, INC.	184-77	9/1/1983	\$7,456.29
N	LAKEVIEW COAL COMPANY	S-55-84	1/23/1997	\$8,621.33
N	LAROSA FUEL CO., INC.	S-1051-86	7/24/2009	\$106,717.00
N	LOBO CAPITOL, INC.	UO-204	8/7/1985	\$47,631.00
N	MANGUS COAL, INC.	S-1036-91	3/14/2008	\$54,102.00
N	MARY RUTH CORPORATION	S-1015-88	1/17/2013	\$35,015.00
N	MAURICE JENNINGS	53-78	12/10/2004	\$37,295.00
N	MAURICE JENNINGS	S-61-83	11/30/2004	\$32,337.00
N	MOHIGAN MINING CO.	U-109-83	6/30/1992	\$16,028.06
N	MORGANTOWN ENERGY EXPORT COMPANY	U-8-83	6/14/1994	\$5,049.64
N	NATIONAL CONSTRUCTION COMPANY, INC.	S-2004-86	12/7/1998	\$1,041.88
N	OMEGA MINING CO. INC.	D-79-82	10/7/1994	\$294,531.88
N	PIERCE COAL & CONSTRUCTION, INC.	252-76	12/1/1982	\$14,040.46
N	PIERCE COAL & CONSTRUCTION, INC.	71-80	12/1/1982	\$1,070.58

Acid Mine Drainage Inventory with Estimated Operating/Maintenance Costs

N	PRESTON ENERGY, INC.	O-86-82	5/25/1994	\$12,305.15
N	PRESTON ENERGY, INC.	O-43-85	5/24/1994	\$316.79
N	PRESTON ENERGY, INC.	UO-235	3/18/1994	
N	PRESTON ENERGY, INC.	O-1035-87	5/5/1994	\$60,078.00
N	PRIMROSE COAL, INC.	7-81	3/23/2011	\$59,628.00
N	ROBLEE COAL COMPANY	U-2001-00	4/22/2010	\$16,975.00
N	ROBLEE COAL COMPANY	U-1001-91	1/11/2010	
N	ROBLEE COAL COMPANY	U-2026-87	3/16/2010	
N	ROBLEE COAL COMPANY	O-1009-93	11/9/2009	\$23,341.00
N	ROCKVILLE MINING CO.	65-78	1/12/1994	\$41,123.76
N	ROCKVILLE MINING CO.	S-1035-86	1/12/1994	\$29,000.00
N	ROCKVILLE MINING CO.	S-65-82	1/12/1994	\$76,372.69
N	ROCKVILLE MINING CO.	S-91-85	1/12/1994	\$48,309.00
N	ROCKVILLE MINING CO.	237-76	1/12/1994	\$64,783.16
N	S. KELLY INDUSTRIES	51-78	6/13/1985	\$67,751.11
N	SHAFER BROTHER CONSTRUCTION, INC.	S-2002-12	5/11/2015	
N	SHARON COAL CO.	S-1028-87	3/23/2011	\$56,257.00
N	SOUTHERN EAGLE MINING CORPORATION	U-32-84	2/6/1985	\$0.00
N	STEWARTOWN COAL CORP.	67-78	6/28/1988	\$738.97
N	T & J COAL, INC.	P-177-85	5/29/1987	\$522.28
N	T & T FUELS, INC.	EM-113	10/31/1995	\$346,610.31
N	T & T FUELS, INC.	U-125-83	12/4/1995	\$14,442.10
N	THE MASTELLER COAL COMPANY	S-125-82	5/3/2004	\$36,861.00
N	THE MASTELLER COAL COMPANY	S-10-85	12/10/2003	\$9,374.00
N	VALLEY MINING CO., INC.	S-17-82	9/24/1992	\$14,803.70
N	VALLEY MINING CO., INC.	S-64-83	6/12/1992	\$43,106.67
N	VIKING COAL COMPANY	UO-519	1/18/2001	\$90,157.00
N	VMS, LTD.	S-1045-87	4/4/1994	\$6,650.74
N	WERNER MINING CO., INC.	S-2003-86	5/20/1992	\$35,224.30
N	WETER CO.	S-71-79	7/10/1995	\$33,077.00
N	WOCAP ENERGY RESOURCES, INC.	S-26-85	12/14/1993	\$30,609.15
N	Z & F DEVELOPMENT CO.	S-21-84	11/6/1985	\$22,697.86
N	ZINN COAL CO.	60-79	4/16/1991	\$2,340.08
S	B & S CONTRACTING, INC.	R-668	7/12/1995	
S	B & S CONTRACTING, INC.	O-3086-87	4/24/1995	\$1,909.01
S	BARRENSHE COAL CO.	UO-694	8/17/1993	\$3,219.31
S	BARRETT FUEL CORP.	R-737	3/15/1996	
S	BRENKEE COAL CO.	UO-435	11/12/1986	
S	CLASSIC RES., INC.	S-55-81	5/12/1986	\$8,266.00
S	DUSTY COALS, INC.	S-119-85	8/10/1987	\$1,724.27
S	E. J. & L. CO., INC.	S-3041-87	5/9/1990	\$738.97
S	FALCON LAND COMPANY, INC.	P-656	4/5/2005	\$83,904.00
S	GAULEY COAL SALES CO.	O-43-84	8/23/1994	\$1,909.01
S	GOLDEN FALCON RESOURCES, INC.	U-61-84	10/4/2002	

Acid Mine Drainage Inventory with Estimated Operating/Maintenance Costs

S	GREEN MOUNTAIN ENERGY	U-4013-91	3/19/1997	\$11,792.00
S	HARVEY ENERGY CORP.	S-35-81	9/16/1991	\$1,601.10
S	HARVEY ENERGY CORP.	S-3030-89	9/16/1991	\$223.02
S	HARVEY ENERGY CORP.	S-11-82	9/16/1991	\$4,221.07
S	J & N PROCESSING COMPANY, LLC	O-58-83	6/29/2001	
S	JINKS MINING COMPANY	U-3031-93	2/24/2000	
S	KANAWHA DEVELOPMENT CORPORATION	O-38-84	1/17/2013	\$10,333.20
S	KODIAK LAND CO., INC.	S-3052-87	5/19/1992	
S	LEVEL LAND MINING CORPORATION	S-3031-90	11/8/2006	\$12,500.00
S	LILLYBROOK COAL CO.	S-86-85	6/1/1990	\$2,955.89
S	LODESTAR ENERGY, INC.	R-5-84	5/24/2004	\$12,500.00
S	LODESTAR ENERGY, INC.	S-19-85	1/21/2004	\$16,585.00
S	LOW ASH COAL CO.	UO-389	2/1/1985	\$376.73
S	MERIDAN OF VIRGINIA, INC.	S-4005-89	9/14/1992	\$5,904.00
S	MOUNTAINEER FUELS, INC.	U-3083-87	1/30/1998	\$1,231.62
S	PEACHTREE RIDGE MINING, INC.	U-18-83	1/29/2004	
S	PINNACLE CREEK MINING CORP.	R-721	12/7/1994	
S	PRINCESS CINDY MINING, INC.	30-79	5/26/1987	\$1,970.59
S	PUPS CREEK COALS, INC.	S-3006-94	12/6/1999	\$11,120.00
S	RALEIGH COMMERCIAL DEVELOPMENT	149-79	1/21/1987	\$7,178.00
S	ROYAL COAL CO.	R-676	11/1/1989	\$61,971.00
S	ROYAL COAL CO.	P-688	1/1/1990	
S	ROYAL SCOT MINERALS, INC.	R-3078-86	4/27/2000	\$3,694.86
S	ROYAL SCOT MINERALS, INC.	S-90-82	4/27/2000	
S	ROYAL SCOT MINERALS, INC.	U-40-85	4/27/2000	\$862.13
S	ROYAL SCOT MINERALS, INC.	S-99-83	4/27/2000	
S	ROYAL SCOT MINERALS, INC.	56-81	4/27/2000	\$2,258.00
S	ROYAL SCOT MINERALS, INC.	D-32-81	4/27/2000	\$1,616.90
S	ROYAL SCOT MINERALS, INC.	U-3046-88	4/27/2000	\$8,202.00
S	ROYAL SCOT MINERALS, INC.	31-72	4/28/1999	
S	ROYAL SCOT MINERALS, INC.	S-65-76	4/27/2000	\$2,795.42
S	SMITH & STOVER	EM-29	5/17/1984	\$31,970.00
S	SOLITAIRE COAL CORPORATION, INC.	S-87-85	6/23/1989	\$31,907.00
S	STAR INDUSTRIES, INC.	R-3-81	5/27/1987	\$13,194.04
S	TRIPLE A COALS, INC.	S-96-85	12/17/1998	\$3,694.85
S	TRIPLE A COALS, INC.	S-3028-87	12/17/1998	\$3,694.86
S	TRIPLE A COALS, INC.	U-3046-87	12/17/1998	
S	VICKIE ENERGY, INC.	U-53-85	1/11/1995	\$123.16
S	W & E LOGGING & COAL	S-20-82	5/5/1986	\$0.00

Mine Drainage Treatment Prioritization

PRIORITY	COMPANY	PERMIT	PROJECT	Acid Load (TPY)
1	ROYAL COAL CO.	P-688	L/W	755.68
2	LAROSA FUEL CO., INC.	S-1051-86	Water	110.81
3	CHEYENNE SALES CO., INC.	S-2009-96	Water	54.22
4	ASSET MINING, LLC.	S-5030-95	Water	44.11
5	LOBO CAPITOL, INC.	UO-204	Water	38
6	MAURICE JENNINGS	S-61-83	Water	26.68
7	KEYSTONE COAL, INC.	U-186-83	Water	21.98
8	CARSON ONE MINING, LLC	O-4-84	L/W	17.53
9	INTER-STATE LUMBER COMPANY, INC.	S-39-82	Water	17.3
10	MANGUS COAL, INC.	S-1036-91	Water	16.41
11	CHEYENNE SALES COMPANY, INC.	O-11-83	Water	16.2
12	CHICOPEE COAL COMPANY, INC.	S-3006-99	L/W	14.69
13	ROBLEE COAL COMPANY	U-2001-00	Water	12.21
14	SMITH & STOVER	EM-29	Water	11.44
15	BUFFALO COAL COMPANY, INC.	S-53-80	L/W	8.47
16	MARY RUTH CORPORATION	S-1015-88	Water	7.14
17	LODESTAR ENERGY, INC.	S-3006-89	Water	6.21
18	BUFFALO COAL COMPANY, INC.	S-2001-86	Water	4.96
19	BALDWIN MINING COMPANY	D-75-82	Water	4.824
20	MAURICE JENNINGS	53-78	Water	4.55
21	APPALACHIAN FUELS, LLC	S-3041-88	Water	4.31
22	SUMMERSVILLE FIVE BLOCK	S-3051-88	Water	3.81
23	SHAFFER BROTHER CONSTRUCTION, INC.	S-2002-12	Water	2.97
24	ROYAL SCOT MINERALS, INC.	U-3046-88	Water	2.63
25	A S & K, INC.	S-1011-89	Water	2.36
26	LODESTAR ENERGY, INC.	S-3083-86	Water	1.73
27	ALAN BLOSSER	S-1010-87	Water	1.64
28	CHICOPEE COAL COMPANY, INC.	S-3002-98	Water	1.5
29	BUFFALO COAL COMPANY, INC.	S-2003-03	Water	1.34
30	ENERGY MARKETING COMPANY INC	O-44-83	Water	1.11
31	J. C. B. MINING, INC.	U-2006-88	L/W	0.7527
32	ENERGY MARKETING CO. INC.	U-72-83	L/W	0.6347
33	BUFFALO COAL COMPANY, INC.	S-2011-92	Water	0.6
34	ROBLEE COAL COMPANY	U-2026-87	Water	0.5731
35	MERIDAN OF VIRGINIA, INC.	S-4005-89	Water	0.284
36	SHARON COAL CO.	S-1028-87	Water	0.2086
37	CLASSIC RES., INC.	S-55-81	Water	0.1836
38	EAGLE RIDGE DEVELOPMENT GROUP, LLC	S-3016-08	Water	0.155
39	KEYSTONE COAL, INC.	S-84-83	L/W	0.08
40	ROBLEE COAL COMPANY	U-1001-91	Water	0.0768
41	ROBLEE COAL COMPANY	O-1009-93	Water	0.064
42	BOOMERANG COAL, INC.	S-2015-06	Water	0.0463
43	ROYAL COAL CO.	R-676	Water	0.0189
44	LANDMARK CORPORATION	S-5069-88	Water	0.003
45	ROYAL SCOT MINERALS, INC.	S-65-76	Water	0.0022
46	KANAWHA DEVELOPMENT CORPORATION	O-38-84	L/W	0
47	GOLDEN FALCON RESOURCES, INC.	U-61-84	Water	0