

**DRAFT March 18, 2003**

**SURFACE MINING CONSERVATION AND RECLAMATION ACT  
REMINING INCENTIVES REPORT  
2002**

**Prepared for:  
Senate Environmental Resources and Energy Committee  
and  
House Environmental Resources and Energy Committee**

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## I. Executive Summary

In accordance with the requirements of Section 4.11(b) of the Commonwealth's Surface Mining Conservation and Reclamation Act (SMCRA) regarding the Department's reclamation and remining programs, this report is submitted to the Senate Environmental Resources and Energy Committee and to the House Environmental Resources and Energy Committee. This report provides the status of the Department's reclamation and remining programs authorized under the SMCRA Sections 4.8, 4.9, 4.10, 4.12, 4.13, and 18. Information is current to December 31, 2002

Since its inception, Pennsylvania's remining programs have been very successful. Coal mine operators using these programs have reclaimed 2281.7 abandoned mine land acres equivalent to \$19,751,751 in reclamation value.

The Government-Financed Reclamation Contracts program benefits the public and the mining operators by establishing contracts for mining companies to conduct operations that will reclaim abandoned mine lands sites at little or no cost to the public. Between January 1991 and December 31, 2002, 78 contracts were issued. These contracts have successfully completed a total reclamation value of \$9,146,450 as of December 31, 2002.

The Remining Operator Assistance Program (ROAP) provides an incentive to remine and reclaim abandoned mine land areas by providing financial assistance for most of the cost of permitting the remining area. Between August 1996 and December 31, 2002, 28 operators requested to participate in this program on 56 remining sites. Through December 31, 2002, 33 projects have resulted in approved remining permits projected to reclaim 2,972 acres of abandoned mine land with a reclamation value of \$17,122,200.

Under the Financial Guarantees program, the Department of Environmental Protection provides low-cost bonding of remining areas. As of December 31, 2002, 101 coal mine operators used Financial Guarantees to bond 357 mining permit increments. Those operations have reclaimed 1,912.6 acres of abandoned mine land, saving the Commonwealth an estimated \$11,475,600.

The Bond Credits program also provides an incentive to an operator to reclaim an abandoned area by earning a "bond credit" under a Consent Order and Agreement with the Department. Four licensed mine operators have submitted proposals for Bond Credit projects. Five projects have been completed under this program, reclaiming 31 acres. The five completed projects represent a reclamation value of \$217,271.

The Department has not yet promulgated regulations nor established final criteria for the Designating Areas Suitable for Remining program. This program was

deemed to be of lower priority to the mining industry than the other remining incentive programs.

Section 18 of the SMRCA, as amended by Act 173 of 1992 and by Act 43 of 1996, authorizes the Secretary of the Department of Environmental Protection to transfer a total of \$1,000,000/year into the Remining Environmental Enhancement Fund for ROAP and the Designating Areas Suitable for Remining program. Through May 30, 2001, the ROAP program has received appropriations of \$850,000 from the Remining Environmental Enhancement Fund (\$450,000 from the Surface Mining Conservation and Reclamation Fund, \$125,000 from the Coal Refuse Disposal Control Fund, and \$125,000 from the Bituminous Mine Subsidence and Land Conservation Fund, and \$150,000 from the Clean Water Fund). The ROAP program spent about \$806,136 over 5.3 years, averaging \$152,101 which is sufficient to fund approximately 10 projects per year. All but \$42,222 was spent or encumbered for specific projects as of December 31, 2002.

The Legislature also authorized the establishment of the Remining Financial Assurance Fund (RFAF) in the 1992 amendments to the SMCRA. This fund is used to provide the reserve for the Financial Guarantee and Bond Credits programs. These amendments authorized the Department to transfer up to \$5,000,000 from the Land and Water Development Fund to RFAF. In 1996, \$1,000,000 was transferred into the RFAF, and another \$1,000,000 was transferred into the RFAF in 1997. No expenditures are planned from RFAF. The Bond Credit program is required to have funds in RFAF at least equal to funds issued as Bond Credits. The Financial Guarantee program is authorized to use an actuarial formula (mine permit forfeiture rate + a safety factor) to leverage the amount of money in the reserve.

The Department requested that the Office of Administration conduct an audit of the Financial Guarantee and Bond Credit programs at an early stage. The audit was completed on February 11, 1999.

Summary of Remining Programs  
1996 - 2002

Program	Fiscal Year	Number of Companies	Number of Projects	AML Acres Reclaimed as of 12/31/02	Reclamation Value of Projects Completed by 12/31/02
Government-Financed Reclamation Contracts	91-02	39	78	410	\$9,146,450
ROAP	97-02	28	56	142	\$852,000
Financial Guarantee	96-02	101	357	1,912.6	\$11,475,600
Bond Credits	96-02	4	5	31	\$217,271
<b>Totals</b>			<b>496</b>	<b>2495.6</b>	<b>\$21,691,321</b>

## II. Conclusions and Recommendations

The Department has developed four of the five remining incentive programs authorized by the 1992 amendment to the Surface Mine Conservation and Reclamation Act (SMCRA): Government-Financed Reclamation Contracts, Remining Operator's Assistance Program (ROAP), Financial Guarantees and Bond Credits. The fifth program, Designating Areas Suitable for Remining, was a lower priority. In the time the four programs have been available (January 1997 to present), coal mine operators have used them to aid in completing reclamation of 2495.6 acres of abandoned mine land. This equates to an approximate reclamation value of \$21,691,321 (completed reclamation areas only). In general, it takes several years to negotiate leases, obtain permits, and then remine and reclaim a site. There are many projects that are in progress with remining or reclamation not yet completed.

Department costs to operate the programs are minimal. Roughly half the costs account for staff time and the other half account for ROAP consultant contracts. No additional staff was hired for these programs. Existing staff absorbed the remining program work as additional duties.

These programs are encouraging abandoned mine land reclamation at a dramatic cost saving to the Commonwealth. The environment is enhanced, the mine operators are receiving support, and the Commonwealth's abandoned mine land burden is being reduced. The Governor's "Reclaim PA" program aims to maximize reclamation of Pennsylvania's \$15 billion abandoned mine legacy, and remining by industry is a major component of this reclamation effort. This program is intended to maximize reclamation by expanding the financial incentive for operators to remine and reclaim abandoned mine lands as opposed to virgin lands. These remining incentives have become the keystone in the Commonwealth's "Reclaim PA" program. The Department will continue to identify and develop all possible incentives to encourage and expand remining operations.

### Recommendations:

- The federal Surface Mining Control and Reclamation Act was previously amended to allow reclamation bonds posted for "lands eligible for remining" to be released two years after the last augmented seeding, fertilizing, irrigation or other work. The Department recommends that the General Assembly amend Section 4(d) of the Surface Mining Conservation and reclamation Act (52 P. S. Section 1396.4(d)) to include a similar provision. Shortening the period of liability on reclaimed remining areas would offer several benefits to encourage remining. The benefits include: reducing the cost to operators who remine and reclaim abandoned mine lands by eliminating three years of bond premiums; shortening the period of time the bond is held making that amount of bonding capacity available for reuse, and, shortening the time remining financial guarantees are held allows sooner reuse of the underwriting

funds to support issuance of new remining financial guarantees for more remining.

- The Department will continue these remining incentive programs.
- The Department will continue to identify and develop all possible incentives to encourage and expand remining operations.

### **III. Background**

This report has been prepared in accordance with the requirements of Section 4.11(b) of the Surface Mining Conservation and Reclamation Act (SMCRA). Section 4.11(b) requires the Department to prepare a report regarding the Department's reclamation and remining programs to the Senate Environmental Resources and Energy Committee and to the House Environmental Resources and Energy Committee. Section 4.11(b) was added to the SMCRA by passage of Act 173 on December 18, 1992. This report summarizes the status of the Department's reclamation and remining programs authorized under the SMCRA Sections 4.8, 4.9, 4.10, 4.12, 4.13, and 18.

There are five primary reclamation and remining programs authorized by these sections of the SMCRA:

- Section 4.8 - Government-Financed Reclamation Contracts
- Section 4.9 - Designating Areas Suitable for Reclamation by Remining
- Section 4.10 - Remining Operator's Assistance Program
- Section 4.12 - Financial Guarantees to Insure Reclamation
- Section 4.13 - Reclamation Bond Credits

Section 18 of the SMCRA includes the creation of the Remining Environmental Enhancement Fund and the Remining Financial Assurance Fund. The status of both of these funds is included in Sections V and VI, respectively, of this report.

In addition to the program descriptions contained in this report, appropriate tables for each program showing site/operator lists, project cost, reclamation dollar value, acres reclaimed and pertinent dates are included in the appendices to this report. Many of the remining incentive program descriptions refer to a "remined area." A "remined area," as defined in these descriptions, includes the abandoned mine land (AML) area to be reclaimed and up to 300 feet of adjacent previously unmined area needed to complete the reclamation.

This report covers the period from May 24, 1996 (the date of passage of the Act 43 Amendment to the SMCRA) to December 31, 2002. This report was submitted to the Mining and Reclamation Advisory Board (MRAB) as required by Section 4.11(c)(5) of SMCRA. The MRAB's comments are included as Appendix A.

### **IV. Individual Program Descriptions**

### A. **SMCRA Section 4.8 - Government-Financed Reclamation Contracts**

The Government-Financed Reclamation Contracts program is for contracted operations that will reclaim abandoned mine land sites at little or no cost to the public. This program was also known as the No-Cost Government-Financed Reclamation Contracts Program. Regulations were deemed unnecessary for implementation of this program. This program allows removal of incidental coal or coal refuse during the reclamation of an abandoned mine land site. Occasionally, it is necessary to remove coal in order to effectively and efficiently reclaim an abandoned mine land site. It is also possible to greatly reduce the cost to the government by allowing coal or coal refuse to be removed to offset the cost of the reclamation project.

Coal refuse is the waste product generated from the physical or chemical cleaning or processing of coal. It contains pyrite (the major culprit in the formation of acid mine drainage pollution), residual coal and various types of rocks and spoil. The Department's Bureau of Abandoned Mine Reclamation has inventoried 854 abandoned coal refuse piles, covering 8,600 acres in 36 of the 67 Pennsylvania counties. The estimated cost to reclaim these piles is \$257 million.

Under the Government-Financed Reclamation Contract program, the mining industry has made progress in reclaiming coal refuse and other abandoned mine land sites at no additional direct cost to the Commonwealth. Since January 1991, 78 contracts have been issued. These 78 operations have reclaimed 410 acres of abandoned mine land as of December 31, 2002. The individual projects are listed in Appendix B.

The Government-Financed Reclamation Contracts program was modified in 1999. The new program is known as the Government-Financed Construction Contracts program and is one of the initiatives of the "Reclaim PA" program. The United States Department of Interior Office of Surface Mining Reclamation and Enforcement approved the new program as an amendment to Pennsylvania's Abandoned Mine Reclamation Plan. The Government-Financed Construction Contracts program allows incidental coal removal as part of abandoned mine land reclamation contracts, authorizes no cost reclamation contracts and allows reclamation of abandoned mine land adjacent to active mining operations using excess spoil.

#### **Government-Financed Reclamation Contracts Overview:**

	<b>As of 6/30/01</b>	<b>As of 12/31/02</b>
Number of acres of coal refuse pile	133.6	410



completed		
Number of projects completed	11	33
Number of projects	50	78

**Case Study – Government-Financed Reclamation Contract  
M & Y Services, Inc.  
German Township, Fayette County**

M & Y Services, Inc. signed a Government-Financed Reclamation Contract on December 11, 1998, to reclaim an abandoned mine in German Township, Fayette County. The site, known as "Lamberton East," covered 13.4 acres of abandoned refuse from the Pittsburgh coal seam. The site was a lifeless and barren wasteland, void of vegetation, and served as a cold reminder of the time before environmental regulations.

As M & Y removed the entire pile of coal refuse from the property, the company covered the site with soils recovered during the remining. M & Y successfully established a permanent vegetative cover of grasses and legumes, bringing the site back to life. A drainage channel that had been buried with coal refuse was also re-established, and it now carries clear water during rainy weather.

All of the work was completed and the performance bond of \$94,000 was released on June 29, 1999, just six months after the contract was signed. The excellent vegetative cover has eliminated all accelerated erosion and prevents damage and degradation to the receiving stream.

The property, once a wasteland, is now a usable parcel of ground. This project, through a Government-Financed Reclamation Contract, restored the property and saved the taxpayers in excess of \$100,000 in reclamation costs.

**B. SMCRA Section 4.9 - Designating Areas Suitable for Reclamation by Remining**

The Department has not promulgated regulations nor established a program for designating areas suitable for remining. This program was initially deemed to be of lower priority to the mining industry than the other remining incentive programs because it will benefit only a small number of operators compared with the other programs. The Department also found that, considering the broad industry acceptance of the other incentive programs such as the Remining Operator Assistance Program, the scope and benefits of designating areas suitable for remining required considerably more analysis. Hence, development was postponed. Conceptual plans for the program are available.

**C. SMCRA Section 4.10 - Remining Operator's Assistance Program (ROAP)**

The regulations for the ROAP program were promulgated as 25 Pa. Code Sections 86.261-86.270 and became effective on August 24, 1996.

The ROAP program provides an incentive to an operator to remine and reclaim an abandoned mine land area that the operator would not otherwise reclaim. This incentive is in the form of Department financial assistance towards the cost of permitting the remining area. The ROAP program pays qualified consultants to collect and analyze permit-specific hydrogeologic data and prepare reports used in the mine permit application.

Between August 1996 and December 31, 2002, 28 operators have requested to participate in this program on 56 remining sites. As of December 31, 2002, 33 projects resulted in permits. When completed, the operators will have accomplished 1,303 acres of surface abandoned mine reclamation and 436 acres of underground reclamation. This work has the potential to provide \$7,817,400 worth of AML surface reclamation. The cost to the Department in ROAP program assistance for these 33 sites has been \$565,257.

Six of the 56 projects were cancelled by the applicant. Two projects were terminated because the data developed during these ROAP program projects led the operators and the Department to conclude that the sites should not be mined due to potential degradation to the environment. One application was denied. The Department cost for these nine projects totals \$62,617.

The remaining 13 ROAP program projects are in the development stage. Of these, four mining permit applications have been submitted and are currently under review. The other ROAP projects are still in the data gathering stage. The ROAP program projects are listed in Appendix C.

When all projects either in process or presently permitted are completed, the value of the reclamation is estimated to be \$27,268,200 at a total cost to the Department of \$867,825

**Remining Operator's Assistance Program (ROAP) Overview**

	<b>As of 6/30/02</b>	<b>As of 12/31/02</b>
Reclamation value of areas completed		\$852,200
Reclamation value after all supported sites become permits	\$15,816,000	\$27,268,200
Number of acres reclaimed		142
Number of remine acres reclaimed after all supported sites become permits	12,636	14,545
Number of operators participating in ROAP	25	28
Number of ROAP projects started	50	56
Number of ROAP projects becoming permits	30	33

**Case Study – Remining Operator Assistance Program (ROAP)****Amerikohl Mining Inc.****Young Township, Indiana County**

On November 6, 1997, DEP granted assistance to Amerikohl Mining, Inc., under the Remining Operator's Assistance Program (ROAP) for a 32 acre abandoned mine land project in Young Township, Indiana County.

The site was not unlike many other areas that are part of Pennsylvania's abandoned mine legacy. Steep highwalls surrounded the abandoned surface mine, which was littered by coal refuse piles. Only sparse vegetation could survive in the nutrient-deprived soil. Acid discharges from the coal refuse and abandoned deep mines, together with the surface runoff, were severely degrading the quality of nearby Coal Run, which is part of the Conemaugh River watershed.

The surface mining permit was issued on January 27, 1999. Remining of the abandoned area has resulted in the reclamation of 900 linear feet of highwall, the revegetation of 13 acres that were previously barren, and the removal of five acres of abandoned coal refuse. The remining operation also improved the quality of the watershed, through the removal of the coal refuse deep mine discharges.

Through ROAP, DEP funded the hydrogeology data collection, overburden analysis and hydrogeology report – an investment of \$23,431 (approximately 85 percent of the total permit cost). The end result was 32 acres of abandoned mine reclamation worth nearly \$100,000.

**D. SMCRA Section 4.12 - Financial Guarantees to Insure Reclamation**

The Financial Guarantees program regulations were promulgated as 25 Pa. Code Sections 86.281-86.284 and became effective on August 24, 1996. Under this program, the Department provides low-cost bonds to guarantee reclamation of the remining area of a surface mine permit.

Each operator and each permit must meet the regulatory criteria to participate in this program. An operator is limited to a maximum Financial Guarantee value of 30 percent of the amount allocated in the Financial Guarantee Special Account within the Remining Financial Assurance Fund (RFAF). Each site is limited to a maximum Financial Guarantee value of 10 percent of the amount allocated in the Financial Guarantee Special Account within the RFAF. During the time period covered by this report, the Financial Guarantee Special Account had an allocation of \$800,000. This allowed the Department to write a maximum of \$240,000 (30 percent of \$800,000) worth of Financial Guarantee bonding for each qualifying operator during the time period of this report. This amount is adjusted periodically by the Department based on premium payments made by the operators as well as any bond forfeitures. An operator may not substitute Financial Guarantees for existing bonds, and Financial Guarantees may not be rolled over. In addition, Financial Guarantees cannot be used to cover the reclamation obligation on another section of the permit area.

An operator does not have to pay the \$100/acre permit fee on any area bonded with Financial Guarantees. Bond release is the same as for any other bond; however, Financial Guarantees are the first bond released on a surface mining permit.

The operator pays an annual fee for Financial Guarantees of one percent per year. The fee is paid in advance and is not refundable. The one percent fee goes into the RFAF. This is the only source of income to the fund.

Since inception of the program on January 3, 1996, about one in every five (19.2 percent) bonding increments issued have included Financial Guarantees.

As of December 31, 2002, 101 coal mine operators have used Financial Guarantees to bond 357 mining permit increments. Those operators have reclaimed 1,912.6 acres of abandoned mine land. This has saved the Commonwealth an estimated \$11,475,600 in reclamation costs, based on an average of \$5,500/acre. The Commonwealth's cost to operate this program is approximately 2.5 employee-years of Department staff effort each year.

**Remining Financial Guarantees Overview**

	<b>As of 6/30/01</b>	<b>As of 12/31/02</b>
Reclamation value of abandoned mine projects	\$7,682,680	\$11,475,600
Number of acres of AML completed	1,224.6	1,912.6
Number of operators participating	87	101
Number of financial guarantees issued	289	357

**Remining Financial Guarantees Issued vs Released Values**

The Department has been closely tracking the values of both Remining Financial Guarantees issued and Remining Financial Guarantees processed for release. The first Guarantee was issued in January 1997. The first completion report processed for release was in November 1997. The Department expects that the dollar amount of issuances would equal the dollar amount of releases some time in years 2003-2004. A chart has been developed (included in Appendix D at the end of the table of projects) that depicts monthly totals of issuances versus releases. The increases in dollar amounts of releases starting in the fall of 2001 correspond with the permittees changing their bonding mix because the Department switched from an alternate bonding system to a conventional bonding system. In the conventional bonding system the permittee posts bonds at a rate equivalent to the cost to the state to accomplish the reclamation if the permittee defaults on the reclamation. The Department will continue to closely watch the values of issuances versus releases to evaluate the impact of switching to conventional bond system.

**Case Study – Remining Financial Guarantees to Ensure Reclamation  
Moravian Run Reclamation  
Pike Township, Clearfield County**

Moravian Run Reclamation was issued a surface mining permit on September 9, 1999, to affect 85 acres in Pike Township, Clearfield County. The permit is located at the headwaters of Hogback Run, which is a native trout stream.

Prior to this remining operation, the site contained more than 2,500 feet of dangerous highwall from an abandoned surface mine, ranging from 40 to 65 feet high. The site was also degraded from old spoil ridges and abandoned deep mine workings. In addition, the site had become a popular trash dump, further deteriorating the environmental and aesthetic quality of the area. The abandoned mine was also causing sedimentation problems to Hogback Run.

Mining has been completed and the area has been reclaimed, removing the dangerous highwall and the spoil ridges. The operator has removed the trash, taking approximately 31 truck loads to an approved landfill for proper disposal; “daylighted” portions of the abandoned deep mine and stopped the erosion causing sedimentation to Hogback Run. Without the low cost financial guarantees, most of the remining and reclamation of the abandoned mine land would not have been economically feasible and would not have been done.

The land has once again been returned to a safe and productive condition – as it was before it was mined – and the whole community will benefit. The reclaimed area will be used as forestland and will also house a new maintenance facility for Pike Township. Through the elimination of sediments, the quality of Hogback Run will be improved, which will benefit the local trout nursery. Moravian Run Reclamation has accomplished this reclamation project valued at more than \$200,000 at no cost to the public.

#### **E. SMCRA Section 4.13 - Reclamation Bond Credits**

The Bond Credits program regulations were promulgated as 25 Pa. Code Sections 86.291-86.295 and took effect on August 24, 1996 .

The Bond Credits program also provides an incentive to an operator to voluntarily reclaim an abandoned mine area that the industry would not ordinarily reclaim. An operator may earn a “bond credit” under a Consent Order and Agreement with the Department by reclaiming an abandoned mine land area. The area does not have to be associated with a mining permit. The value of the bond credit is equal to the lesser of either the Department’s cost or the operator’s cost to reclaim the stipulated area. Once earned, the operator may use the bond credit instead of normal bonding on future mining permits.

Each bond credit may be used twice by the operator in lieu of a normal bond on a mining permit. Bond rollovers are allowed and do not count as a second use. The bond credit may also be transferred to another operator.

Four licensed mine operators have five Bond Credit projects. All of these projects have been completed.

The Commonwealth’s cost in operating this program is approximately one employee/month of Department staff effort for each project.

#### **Reclamation Bond Credits (Bond Credits) Overview**

	<b>As of 6/30/01</b>	<b>As of 12/31/02</b>
Reclamation value for completed projects	\$178,532	\$217,271
Number of acres reclaimed	29.2	31
Number of projects completed	4	5

**Case Study – Reclamation Bond Credit Program  
Blaschak Coal Corp.  
Conyngham Township, Columgia County**

In the fall of 2001, Blaschak Coal Corp. started the fifth Bond Credit project in this program. This is Blaschak Coal Corp.'s second Bond Credit project. This time, Blaschak reclaimed abandoned mine land consisting of an old pre-law pit and spoils. The reclamation required moving 53,000 cubic yards of abandoned spoil to fill the abandoned pit. During reclamation, the best material was saved to use as top material in place of the missing top soil that had been lost during prelaw mining. After final grading the area was planted with grasses, legumes and tree seedlings. Estimated cost to the Commonwealth would have been \$38,739. Blaschak accomplished the reclamation for a \$34,466 bond credit.

**V. Remining Environmental Enhancement Fund (REEF)**

Section 18 of the Surface Mine Conservation and Reclamation Act (SMCRA), as amended by Act 173 of 1992, authorizes the Secretary to transfer a maximum of \$1,000,000/year into the Remining Environmental Enhancement Fund (REEF). This transfer shall be aggregated from revenue sources in the Surface Mining Conservation and Reclamation Fund, the Clean Water Fund, the Coal Refuse Disposal Control Fund, and the Bituminous Mine Subsidence and Land Conservation Fund. REEF is used to fund the ROAP program and the Designating Areas Suitable for Remining program.

To date, the ROAP program has received appropriations of \$850,000 from REEF (\$450,000 from the Surface Mining Conservation and Reclamation Fund, \$125,000 from the Coal Refuse Disposal Control Fund, \$125,000 from the Bituminous Mine Subsidence and Land Conservation Fund, and \$150,000 from the Clean Water Fund). The ROAP program spent about \$806,136 over 5 years, averaging \$152,101, which is sufficient to fund approximately 10 projects per year. All but \$42,222 was spent or encumbered for specific projects as of December 31, 2002.

**VI. Remining Financial Assurance Fund (RFAF)**

The Legislature also authorized the establishment of the Remining Financial Assurance Fund (RFAF) in the 1992 amendments to the Surface Mining Conservation and Reclamation Act (SMCRA). This fund is used to provide the



reserve for the Financial Guarantee and Bond Credits Programs. These amendments authorized the Department to transfer up to \$5,000,000 from the Land and Water Development Fund to the RFAF. \$1,000,000 was transferred into the RFAF in 1996. A second \$1,000,000 was transferred into the RFAF in 1997.

There are no planned expenditures from the RFAF. The money in this fund is used as a reserve to guarantee the bonds written in the Bond Credit and Financial Guarantee programs. The Bond Credit program is required to have funds in the RFAF at least equal to funds issued as Bond Credits. The Financial Guarantee program is authorized to use an actuarial formula (mine permit forfeiture rate + a safety factor) to leverage the amount of money in the reserve to write more financial guarantees than are actually allocated in the fund, based on the historical rate of bond forfeitures. The initial historical rate of bond forfeitures is calculated by taking the number of permits issued in a specific year and dividing it by the number of forfeited permits in that particular year. This calculation was done for the years 1985 to 1996 to derive an annual forfeiture rate for each year. These annual forfeiture rates are averaged to determine the historical rate of bond forfeiture. This results in a historical rate of bond forfeiture of six percent. The 25 percent margin of safety is added to the historical rate of bond forfeiture to determine the adjusted historical rate of bond forfeiture of 7.5 percent. Currently \$800,000 is allocated for financial guarantees, allowing the Department to write \$10,600,000 in financial guarantees.

The only other source of funding for the Financial Guarantee and Bond Credit Programs stems from the one percent annual fee that the permittees pay for the use of the Financial Guarantees. Since the financial guarantee program became available in January 1997, participating coal mine operators have paid \$337,493 in annual fees (\$9,179 in 1996, \$34,270 in 1997, \$54,584 in 1998, \$57,698 in 1999, \$65,896 in 2000, and \$62,342 in 2001). The annual fees must be held in reserve until the Fund for Financial Guarantees is considered actuarially sound. The Fund is actuarially sound when there is a sufficient amount of money in reserve to cover any expected losses. The Department will not be able to estimate this date until a 10-year history of use has been established. After the Fund is actuarially sound, the annual fees not needed may be allocated to one of the five remining programs authorized by the legislation.

The Department has allocated \$800,000 to the Financial Guarantee Special Account to act as the reserve for the Financial Guarantee Program. The Department has allocated \$200,000 to the Bond Credit Account to act as the reserve for the Bond Credit Program

The Department's Bureau of Fiscal Management prepares an annual fund report, which lists the deposits, income and expenditures for the RFAF by fiscal year. This report is included as Appendix F.

After the Legislature amended the SMCRA to establish the remining incentives programs, the Department assigned staff to develop and implement the day-to-

day processes necessary to establish the financial guarantee and bond credit programs associated with the RFAF. This development team was directed to design the program to be simple for Department staff to manage and to minimize the effort needed by the permittees. The development team is referred to as the Remining Financial Assurance Fund Oversight Committee (Committee). This Committee received a Department Excellence Award for quickly and effectively developing both programs.

At the end of the development task, the Committee requested the Office of Administration conduct an audit. The request for an audit of the Financial Guarantee and Bond Credit Programs at an early stage was to make sure that the Department had properly established the programs. The audit was completed on February 11, 1999.

## **Appendix A**

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### **Mining and Reclamation Advisory Board**

The Surface Mining Conservation and Reclamation Act, Remining Incentives Report, 1996-2002, was presented to the Mining and Reclamation Advisory Board on

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## Appendix B

### Government-Financed Reclamation Contracts and Government-Financed Construction Contracts

Year	County	Company Name	Issuance Date	Acres Reclaimed	Value Of Reclamation	Date Completed
1992	ARMSTRONG	LEECHBURG PROPERTIES INC./NCC	06/29/1992	51.3	\$4,000,000.00	
1993	CLEARFIELD	CLEARFIELD PROPERTIES, INC.	09/27/1993	12	\$500,000.00	
1994	FAYETTE	M & Y SERVICES, INC.	12/20/1994	17.5	\$97,500.00	09/13/1999
1995	BLAIR	M & Y SERVICES, INC.	08/25/1995	6.5	\$46,500.00	10/03/2000
1995	CAMBRIA	RNS SERVICES, INC.	03/03/1995	11	\$91,000.00	05/02/2001
1995	CAMBRIA	RNS SERVICES, INC.	06/29/1995	23.8	\$183,800.00	09/23/1997
1995	FAYETTE	M & Y SERVICES, INC.	11/27/1995	2	\$22,000.00	05/05/1997
1995	FAYETTE	M & Y SERVICES, INC.	05/20/1995	6.5	\$50,000.00	12/09/1996
1995	FAYETTE	M & Y SERVICES, INC.	12/19/1995	32	\$192,000.00	05/10/2001
1995	INDIANA	RNS SERVICES, INC.	01/13/1995	8.3	\$48,300.00	12/02/1997
1996	CAMBRIA	RNS SERVICES, INC.	07/12/1996	8.8	\$48,800.00	05/02/2001
1996	CAMBRIA	SMITH ENERGY, INC.	11/14/1996	1	\$22,900.00	11/12/1998
1996	SOMERSET	PBS COALS, INC.	03/25/1996	0	\$46,300.00	
1997	ALLEGHENY	ACV POWER CORPORATION	09/19/1997	7.5	\$47,500.00	11/04/1998
1997	FAYETTE	M & Y SERVICES, INC.	10/06/1997	8.6	\$48,600.00	05/15/1998
1998	ALLEGHENY	ACV POWER CORPORATION	07/10/1998	0	\$186,000.00	
1998	FAYETTE	M & Y SERVICES, INC.	04/08/1998	7.67	\$45,600.00	
1998	FAYETTE	M & Y SERVICES, INC.	12/11/1998	6	\$65,000.00	06/09/1999
1998	INDIANA	ACV POWER CORPORATION	01/29/1998	39.4	\$199,400.00	04/30/2006
1998	INDIANA	AMERIKOHL MINING, INC.	03/05/1998	3.4	\$24,700.00	02/05/1999
1999	ARMSTRONG	ABM MINING CO.	11/02/1999	4.8	\$19,200.00	04/04/2001
1999	FAYETTE	CARBON FUEL RESOURCES, INC.	11/16/1999	0	\$121,000.00	
1999	FAYETTE	CARBON FUEL RESOURCES, INC.	03/29/1999	20	\$50,000.00	11/16/1999
1999	GREENE	DAVID KOVACH	03/12/1999	0	\$25,000.00	

Year	County	Company Name	Issuance Date	Acres Reclaimed	Value Of Reclamation	Date Completed
1999	GREENE	MATHER RECOVERY SYSTEM	03/12/1999	0	\$25,000.00	
1999	INDIANA	RNS SERVICES, INC.	09/09/1999	5.4	\$45,400.00	05/02/2001
1999	JEFFERSON	ACV POWER CORPORATION	10/29/1999	0	\$81,900.00	
2000	ALLEGHENY	ACV POWER CORPORATION	07/28/2000	0	\$49,800.00	
2000	ALLEGHENY	AMERIKOHL MINING, INC.	01/28/2000	7.8	\$224,310.00	07/18/2000
2000	ALLEGHENY	MGS GENERAL CONTRACTING INC	11/14/2000	0	\$10,000.00	
2000	ARMSTRONG	ABM MINING CO.	08/17/2000	4.9	\$19,600.00	04/30/2002
2000	CLEARFIELD	ACV POWER CORPORATION	12/20/2000	0	\$232,000.00	
2000	FAYETTE	PATTERSON COAL CO.	03/01/2000	10	\$28,000.00	08/23/2000
2000	FAYETTE	CARBON FUEL RESOURCES, INC.	05/02/2000	15	\$25,000.00	11/05/2002
2000	FAYETTE	PATTERSON COAL CO.	05/16/2000	11	\$25,000.00	10/26/2000
2000	FAYETTE	ROBERT SPERKO	11/28/2000	0	\$25,000.00	
2000	FAYETTE	T. L. HILL COAL COMPANY	03/03/2000	9	\$18,000.00	09/20/2000
2000	FAYETTE	PATTERSON COAL CO.	09/19/2000	5	\$20,000.00	05/31/2001
2000	FAYETTE	T. L. HILL COAL COMPANY	09/07/2000	0	\$17,500.00	
2000	INDIANA	ACV POWER CORPORATION	07/27/2000	0	\$120,000.00	
2000	INDIANA	AMERIKOHL MINING, INC.	12/19/2000	0	\$39,820.00	
2000	JEFFERSON	ACV POWER CORPORATION	07/07/2000	0	\$99,800.00	
2000	WESTMORELAND	REICHARD CONTRACTING, INC.	03/15/2000	0	\$52,500.00	
2000	WESTMORELAND	SOSKO COAL COMPANY, INC.	06/19/2000	4	\$27,000.00	08/01/2001
2000	WESTMORELAND	SMITH, VICTOR P.	01/31/2000	20	\$90,000.00	07/03/2001
2000	WESTMORELAND	COAL LOADERS, INC.	08/14/2000	0	\$88,500.00	
2001	CAMBRIA	LAUREL LAND DEVELOPMENT	11/14/2001	0	\$24,000.00	
2001	CAMBRIA	RNS SERVICES, INC.	04/25/2001	0	\$32,000.00	
2001	CLARION	NEISWONGER CONSTRUCTION	08/27/2001	0	\$16,610.00	
2001	CLEARFIELD	MORAVIAN RUN RECLAMATION	06/01/2001	0	\$23,000.00	
2001	CLEARFIELD	EJH CONTRACTING CO., INC.	03/14/2001	0	\$42,000.00	
2001	FAYETTE	CHARLES L SWENGLISH&SONS	10/03/2001	1.5	\$21,500.00	07/25/2002
2001	FAYETTE	JOSEPH ROSTOSKY COAL	10/16/2001	0	\$32,500.00	

Year	County	Company Name	Issuance Date	Acres Reclaimed	Value Of Reclamation	Date Completed
2001	FAYETTE	ROBERT SPERKO	12/05/2001	0	\$22,000.00	
2001	FAYETTE	PATTERSON COAL CO.	10/02/2001	4.5	\$22,500.00	05/07/2002
2001	FAYETTE	PATTERSON COAL CO.	07/02/2001	3.4	\$16,000.00	05/22/2002
2001	FAYETTE	PATTERSON COAL CO.	04/26/2001	7	\$24,700.00	09/17/2001
2001	FAYETTE	PATTERSON COAL CO.	01/30/2001	4	\$24,000.00	07/13/2001
2001	FAYETTE	CARBON FUEL RESOURCES, INC.	06/05/2001	19.5	\$95,000.00	09/11/2001
2001	GREENE	MATHER RECOVERY SYSTEM	09/19/2001	0	\$195,000.00	
2001	JEFFERSON	REICHARD CONTRACTING, INC.	03/01/2001	0	\$97,000.00	
2001	SOMERSET	TYPLEX, INC.	03/02/2001	0	\$46,000.00	
2001	WESTMORELAND	SIMPSON COAL COMPANY	02/05/2001	0	\$24,000.00	
2001	WESTMORELAND	COAL LOADERS, INC.	12/21/2001	0	\$157,000.00	
2002	ALLEGHENY	THOMAS J. SMITH, INC.	11/21/2002	0	\$19,960.00	
2002	CLARION	NEISWONGER CONSTRUCTION	10/17/2002	0	\$21,200.00	
2002	CLEARFIELD	LARSON ENTERPRISES, INC.	05/09/2002	0	\$185,719.00	
2002	CLEARFIELD	A. W. LONG COAL CO.	10/02/2002	0	\$47,520.00	
2002	CLEARFIELD	ENERCORP, INC.	10/18/2002	0	\$57,000.00	
2002	CLEARFIELD	RAMM Coal Company	09/12/2002	0	\$34,800.00	
2002	FAYETTE	T. J. MINING, INC.	09/23/2002	0	\$22,500.00	
2002	FAYETTE	PATTERSON COAL CO.	01/08/2002	0	\$25,000.00	
2002	FAYETTE	CHARLES L SWENGLISH&SONS COAL CO INC	12/18/2002	0	\$35,000.00	
2002	JEFFERSON	FALLS CREEK ENERGY CO., INC.	12/30/2002	0	\$79,500.00	
2002	TIOGA	SIGNOR BROTHERS	04/29/2002	0	\$25,000.00	
2002	WASHINGTON	ROBINSON COAL COMPANY	03/18/2002	0	\$26,000.00	
2002	WESTMORELAND	JOSEPH ROSTOSKY COAL COMPANY	08/06/2002	0	\$18,500.00	
2002	WESTMORELAND	COAL LOADERS, INC.	11/15/2002	0	\$88,711.00	

<b>TOTALS</b>				<b>410</b>	<b>\$9,146,450</b>
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## Appendix C

### Remining Operator's Assistance Program

Year	County	Company Name	Permit #	AML Surface Acres	\$ Value of Surface Rec.	AML Undergrd Acres	DEP ROAP Cost
1997	Clearfield	Hepburnia Coal	NPHC		\$0		\$4,680
1997	Clearfield	Ed Hanslovan	17980101	27.7	\$166,200	0	\$11,436
1997	Clearfield	Sky Haven Coal	17990101	80.0	\$480,000	6.2	\$18,320
1997	Indiana	Amerikohl Mining Inc.	32980109	1.0	\$6,000	0	\$36,304
1997	Indiana	Amerikohl Mining Inc.	32980105	0.0	\$0	1.3	\$12,414
1997	Indiana	Amerikohl Mining Inc.	32980108	12.7	\$76,200	0	\$23,048
				<b>121.4</b>	<b>\$728,400</b>	<b>7.5</b>	<b>\$106,202</b>
1998	Armstrong	Amerikohl Mining Inc.	03990103	4.6	\$27,600	0	\$11,478
1998	Armstrong	Reichard Contracting	Cancelled		\$0		\$644
1998	Armstrong	Smith, Thomas	03990102	3.6	\$21,600	2.0	\$11,126
1998	Cambria	Smith Energy	11980202	6.5	\$39,000	0	\$8,622
1998	Clearfield	Energy Resources	Cancelled		\$0		\$25,963
1998	Clearfield	River Hill Coal	17990107	62.1	\$372,600	26.1	\$21,460
1998	Clearfield	River Hill Coal	17980124	23.5	\$141,000	15.6	\$7,181
1998	Clearfield	River Hill Coal	17990007	10.8	\$64,800	24.2	\$42,237
1998	Clearfield	River Hill Coal	17990102	101.9	\$611,400	119.6	\$35,241
1998	Clearfield	River Hill Coal	17990103	70.3	\$421,800	10.2	\$42,573
1998	Fayette	Marquise Mining	Cancelled		\$0		\$1,577
1998	Fayette	Patterson Coal	26980102	2.3	\$13,800	16.1	\$7,607
1998	Fayette	PBS Coal	26990101	returned			\$13,000
1998	Indiana	Amerikohl Mining Inc.	Cancelled		\$0		\$6,861
1998	Indiana	River Hill Coal	32000108	not issued			\$78,524
1998	Indiana	T L H Coal Company	32990103	9.4	\$56,400	0	\$8,901
1998	Jefferson	Amerikohl Mining Inc.	33990101	23.0	\$138,000	4.4	\$9,296
1998	Schuykill	A C Fuels	54980201	106.0	\$636,000	0	\$14,427
1998	Schuykill	Gale Coal Company	54980103	186.0	\$1,116,000	0	\$11,543
1998	Somerset	Fritz Coal	56980110	0.0	\$0	27.8	\$13,220
1998	Somerset	Hoffman Mining	56990101	12.0	\$72,000	1	\$7,723
1998	Washington	Robinson Coal	63990102	SMP withdrawn			\$12,025
				<b>622.0</b>	<b>\$3,732,000</b>	<b>247</b>	<b>\$391,229</b>

Year	County	Company Name	Permit #	AML Surface Acres	\$ Value of Surface Rec.	AML Undergrd Acres	DEP ROAP Cost
1999	Armstrong	Amerikohl Mining Inc.	03000101	8.0	\$48,000	4	\$14,397
1999	Cambria	Laurel Energy	11990102	164.6	\$987,600	42.1	\$30,934
1999	Clearfield	Hilltop Coal Co.	17000105	8.0	\$48,000	8	\$6,887
1999	Clearfield	Larson Enterprises	NPHC		\$0		\$2,831
1999	Indiana	Amerikohl Mining Inc.	32010105	not issued			\$14,092
1999	Indiana	Hepburnia Coal	NPHC		\$0		\$9,520
1999	Luzerne	Hazleton Shaft	40990101	222.0	\$1,332,000	0	\$18,303
1999	Somerset	Cooney Brothers Coal	Appli. Denied		\$0		
1999	Somerset	Hoffman Mining Inc.	56000103	10.1	\$60,600	4.1	\$14,935
1999	Somerset	Hoffman Mining Inc.	56000105	6.0	\$36,000	3	\$20,525
1999	Westmoreland	Smith Ralph & Son	65990106	11.5	\$69,000	24.5	\$10,579
				<b>430.2</b>	<b>\$2,581,200</b>	<b>85.7</b>	<b>\$143,003</b>
2000	Cambria	Hoffman Mining Inc.	11000104	40.0	\$240,000	2.6	\$9,945
2000	Clearfield	River Hill Coal Company	17010110	40.0	\$240,000	38	\$31,756
2000	Elk	Energy Resources Inc.	Cancelled		\$0		\$10,543
2000	Elk	Energy Resources Inc.	24010101	30.0	\$180,000	0	\$7,491
2000	Jefferson	Sky Haven Coal	33010101	13.9	\$83,400	35.1	\$21,201
2000	Jefferson	Sky Haven Coal	33010103	5.4	\$32,400	17.4	\$17,286
				<b>129.3</b>	<b>\$775,800</b>	<b>93.1</b>	<b>\$98,222</b>
2001	Armstrong	T D K Coal Sales Inc.	3010108	SMP not issued			\$14,505
2001	Clearfield	River Hill Coal Company		SMP not submitte			\$9,120
					<b>\$0</b>	<b>0</b>	<b>\$23,625</b>
2002	Allegheny	Amerikohl Mining Inc.	2020102	SMP not issued			\$8,530
2002	Centre	River Hill Coal Co		SMP not submitted			\$31,336
2002	Centre	River Hill Coal Co.		SMP not submitted			\$23,862
2002	Indiana	Amerikohl Mining, Inc.	32000101	0.0	\$0	2.8	\$3,989
2002	Jefferson	T D K Coal Sales Inc.		SMP not submitted			\$11,463
2002	Schuylkill	Devils Hole, Inc.		report prep			\$5,038
2002	Somerset	Hoffman Mining		report prep			\$12,738
2002	Somerset	Mountaineer Mining		report prep			\$8,588
					<b>\$0</b>	<b>2.8</b>	<b>\$105,544</b>
		<b>GRAND TOTAL</b>		<b>1,302.9</b>	<b>\$7,817,400</b>	<b>436.1</b>	<b>\$867,825</b>



**Appendix D**  
**Remining Financial Guarantees to Insure Reclamation Project List**

<b>Year</b>	<b>County</b>	<b>Company Name</b>	<b>Permit #</b>	<b>Bond Number</b>	<b>AML Acres Reclaimed</b>	<b>Value Of Reclamation</b>
1997	Allegheny	PANGERSIS COAL COMPANY	2773005	4830-15-FG	0.00	\$34,800.00
1997	Allegheny	ROBINSON COAL COMPANY	2960101	4830-02-FG	0.00	\$130,800.00
1997	Allegheny	ROBINSON COAL COMPANY	2960101	4830-05-FG	0.00	\$19,800.00
1997	Allegheny	ROBINSON COAL COMPANY	2970101	4830-14-FG	0.00	\$121,200.00
1997	Allegheny	ROBINSON COAL COMPANY	2970101	4830-18-FG	0.00	\$14,400.00
1997	Armstrong	ALLEGHENY MINERAL CORPORATION	3910115	4830-11-FG	0.00	\$361,200.00
1997	Armstrong	MCKAY COAL COMPANY, INC.	3880110	4830-17-FG	3.70	\$141,000.00
1997	Armstrong	STATE INDUSTRIES, INC.	3950104	4830-09-FG	36.00	\$281,400.00
1997	Armstrong	T D K COAL SALES, INCORPORATED	3960103	4830-01-FG	0.00	\$201,000.00
1997	Beaver	KERRY COAL COMPANY	4940102	4830-04-FG	0.00	\$201,000.00
1997	Beaver	KERRY COAL COMPANY	4960101	4830-06-FG	32.20	\$193,200.00
1997	Beaver	KERRY COAL COMPANY	4950101	4830-10-FG	0.00	\$54,600.00
1997	Beaver	KERRY COAL COMPANY	4970101	4830-16-FG	44.00	\$147,600.00
1997	Butler	ROSEBUD MINING COMPANY	10900109	4860-11-FG	19.80	\$148,200.00
1997	Butler	STATE INDUSTRIES, INC.	10920112	4860-05-FG	17.80	\$226,800.00
1997	Cambria	CLOE MINING COMPANY, INC.	11960101	4840-10-FG	0.00	\$202,800.00
1997	Cambria	EBENSBURG POWER COMPANY	11960202	4840-01-FG	0.00	\$373,100.00
1997	Cambria	L & J ENERGY COMPANY, INC.	11960104	4840-08-FG	0.00	\$143,400.00
1997	Centre	BERN COAL, INC.	14960101	4820-09-FG	2.10	\$132,000.00
1997	Centre	CHESTNUT RIDGE COAL CO.	14960101	4820-03-FG	0.00	\$0.00
1997	Centre	POWER OPERATING CO., INC.	14940101	4820-04-FG	26.00	\$0.00
1997	Clarion	MSM COAL COMPANY, INC.	16960106	4860-10-FG	11.40	\$106,200.00
1997	Clarion	MSM COAL COMPANY, INC.	16960106	4860-13-FG	0.40	\$2,400.00
1997	Clearfield	AL HAMILTON CONTRACTING COMPANY	17930117	4820-05-FG	48.70	\$167,400.00
1997	Clearfield	ENERCORP, INC.	17970102	4820-08-FG	10.20	\$159,600.00
1997	Clearfield	LARSON ENTERPRISES, INC.	17960120	4820-01-FG	0.00	\$61,200.00
1997	Clearfield	LARSON ENTERPRISES, INC.	17950115	4820-02-FG	17.30	\$0.00

Year	County	Company Name	Permit #	Bond Number	AML Acres Reclaimed	Value Of Reclamation
1997	Clearfield	LARSON ENTERPRISES, INC.	17820181	4820-06-FG	6.40	\$27,000.00
1997	Clearfield	LARSON ENTERPRISES, INC.	17950115	4820-07-FG	7.00	\$25,200.00
1997	Clearfield	RIVER HILL COAL CO., INC..	17803045	4820-10-FG	23.30	\$101,400.00
1997	Elk	ENERGY RESOURCES, INC.	24890101	4860-02-FG	7.80	\$77,400.00
1997	Elk	ENERGY RESOURCES, INC.	24900103	4860-03-FG	26.60	\$159,600.00
1997	Elk	FAIRVIEW COAL COMPANY	24930101	4860-09-FG	30.00	\$180,000.00
1997	Elk	TAMBURLIN BROTHERS COAL CO., INC.	24813008	4860-08-FG	13.10	\$84,750.00
1997	Elk	TAMBURLIN BROTHERS COAL CO., INC.	24940101	4860-15-FG	5.00	\$48,000.00
1997	Elk	TAMBURLIN BROTHERS COAL CO., INC.	24920101	4860-17-FG	0.00	\$142,800.00
1997	Fayette	VANSICKLE COAL	26970201	4830-03-FG	24.10	\$313,300.00
1997	Indiana	FOSSIL FUEL, INC.	32970101	4840-03-FG	36.40	\$53,700.00
1997	Indiana	K.M.P. ASSOCIATES	32950105	4840-04-FG	7.40	\$44,400.00
1997	Indiana	K.M.P. ASSOCIATES	32940109	4840-06-FG	0.00	\$43,200.00
1997	Indiana	K.M.P. ASSOCIATES	32950105	4840-09-FG	3.00	\$18,000.00
1997	Indiana	T. L. H. COAL COMPANY	32823066	4840-02-FG	0.00	\$20,400.00
1997	Jefferson	DEEMER, FRED A., JR.	33940107	4860-06-FG	3.40	\$20,400.00
1997	Jefferson	ORIGINAL FUELS, INC.	33890113	4860-01-FG	0.00	\$98,400.00
1997	Jefferson	ORIGINAL FUELS, INC.	33890113	4860-04-FG	0.00	\$119,400.00
1997	Jefferson	STARR COAL COMPANY	33850123	4860-12-FG	0.00	\$63,000.00
1997	Jefferson	UREY COAL COMPANY	33950106	4860-14-FG	24.00	\$144,000.00
1997	Jefferson	YENZI, LEONARD W.	33950102	4860-16-FG	1.70	\$85,800.00
1997	Somerset	HARDROCK COAL COMPANY	56950110	4840-07-FG	0.00	\$196,800.00
1997	Somerset	PBS COALS, INC.	56960110	4840-05-FG	0.00	\$159,600.00
1997	Venango	BEN HAL MINING COMPANY	61970101	4860-07-FG	4.00	\$94,800.00
1997	Washington	ROBINSON COAL COMPANY	63940101	4830-08-FG	22.00	\$108,000.00
1997	Westmoreland	LMM, INC.	65960110	4830-07-FG	0.00	\$135,000.00
1997	Westmoreland	RALPH SMITH & SON, INC.	65950107	4830-21-FG	16.70	\$90,600.00
1997	Westmoreland	SOSKO COAL COMPANY, INC.	65960111	4830-12-FG	0.00	\$61,200.00
1997	Westmoreland	V. P. SMITH COMPANY, INC.	65970102	4830-13-FG	12.20	\$196,800.00
				<b>Totals 1997</b>	<b>543.70</b>	<b>\$6,538,050.00</b>

Calender Year	County	Company Name	Permit #	Bond Number	AML Acres Reclaimed	Value Of Reclamation
1998	Armstrong	MCKAY COAL COMPANY, INC.	3880110	4830-24-FG	30.00	\$69,600.00
1998	Armstrong	WALTER L. HOUSER COAL CO., INC.	3960102	4830-25-FG	0.00	\$87,600.00
1998	Beaver	KERRY COAL COMPANY	4970101	4830-19-FG	44.00	\$86,400.00
1998	Butler	BEN HAL MINING COMPANY	10970104	4860-23-FG	22.00	\$140,000.00
1998	Butler	BEN HAL MINING COMPANY	10980103	4860-30-FG	21.60	\$88,800.00
1998	Butler	BEN HAL MINING COMPANY	10970104	4860-32-FG	11.90	\$71,400.00
1998	Butler	ROSEBUD MINING COMPANY	10900109	4860-22-FG	37.40	\$105,000.00
1998	Cambria	L & J ENERGY COMPANY, INC.	11960104	4840-27-FG	0.00	\$46,800.00
1998	Cambria	L & J ENERGY COMPANY, INC.	11980101	4840-29-FG	0.00	\$61,200.00
1998	Cambria	LAUREL LAND DEVELOPMENT, INC.	11970106	4840-19-FG	10.00	\$170,400.00
1998	Cambria	LAUREL LAND DEVELOPMENT, INC.	11970106	4840-30-FG	0.00	\$25,800.00
1998	Cambria	R.J.C. KOHL INC.	11950103	4840-12-FG	7.20	\$21,600.00
1998	Cambria	R.J.C. KOHL INC.	11970105	4840-13-FG	4.80	\$28,800.00
1998	Cambria	R.J.C. KOHL INC.	11950103	4840-22-FG	14.50	\$87,000.00
1998	Centre	AL HAMILTON CONTRACTING COMPANY	14820103	4820-25-FG	26.60	\$159,600.00
1998	Centre	BERN COAL, INC.	14960101	4820-34-FG	0.00	\$74,400.00
1998	Clarion	MSM COAL COMPANY, INC.	16960106	4860-20-FG	6.10	\$36,600.00
1998	Clarion	ORIGINAL FUELS, INC.	16940105	4860-33-FG	0.00	\$148,800.00
1998	Clearfield	CLOE MINING COMPANY, INC.	17960106	4820-12-FG	0.00	\$102,000.00
1998	Clearfield	ENERCORP, INC.	17663136	4820-22-FG	7.60	\$84,600.00
1998	Clearfield	FORCEY COAL, INC.	17970106	4820-13-FG	0.00	\$64,800.00
1998	Clearfield	FORCEY COAL, INC.	17960110	4820-35-FG	6.30	\$37,800.00
1998	Clearfield	JUNIOR COAL CONTRACTING, INC.	17930103	4820-11-FG	26.10	\$156,600.00
1998	Clearfield	JUNIOR COAL CONTRACTING, INC.	17900140	4820-16-FG	8.50	\$51,000.00
1998	Clearfield	JUNIOR COAL CONTRACTING, INC.	17970118	4820-33-FG	18.60	\$111,600.00
1998	Clearfield	JUNIOR COAL CONTRACTING, INC.	17820151	4820-40-FG	6.30	\$37,800.00
1998	Clearfield	K & J COAL CO., INC.	17960121	4820-29-FG	21.80	\$130,800.00
1998	Clearfield	K & J COAL CO., INC.	17960121	4820-43-FG	7.80	\$46,800.00
1998	Clearfield	LARSON ENTERPRISES, INC.	17950115	4820-19-FG	9.80	\$25,200.00
1998	Clearfield	LARSON ENTERPRISES, INC.	17820181	4820-26-FG	8.30	\$49,800.00
1998	Clearfield	LARSON ENTERPRISES, INC.	17980114	4820-41-FG	10.90	\$57,000.00
1998	Clearfield	LARSON ENTERPRISES, INC.	17950115	4820-42-FG	5.70	\$34,200.00
1998	Clearfield	M. R. Hainsey Contracting	17960102	4820-36-FG	9.80	\$58,800.00

Year	County	Company Name	Permit #	Bond Number	AML Acres Reclaimed	Value Of Reclamation
1998	Clearfield	MORAVIAN RUN RECLAMATION COMPANY,INC	17910113	4820-15-FG	6.90	\$25,800.00
1998	Clearfield	MORAVIAN RUN RECLAMATION COMPANY,INC	17980902	4820-28-FG	8.70	\$42,600.00
1998	Clearfield	MORAVIAN RUN RECLAMATION COMPANY,INC	17980902	4820-39-FG	0.00	\$4,800.00
1998	Clearfield	R. B. CONTRACTING	17980901	4820-24-FG	5.80	\$34,800.00
1998	Clearfield	RIVER HILL COAL CO., INC..	17940107	4820-17-FG	0.00	\$45,000.00
1998	Clearfield	RIVER HILL COAL CO., INC..	17940107	4820-18-FG	6.70	\$40,200.00
1998	Clearfield	RIVER HILL COAL CO., INC..	17753050	4820-20-FG	12.70	\$76,200.00
1998	Clearfield	RIVER HILL COAL CO., INC..	17753050	4820-31-FG	13.90	\$83,400.00
1998	Clearfield	RIVER HILL COAL CO., INC..	17940107	4820-32-FG	0.00	\$9,600.00
1998	Clearfield	RIVER HILL COAL CO., INC..	17840123	4820-37-FG	0.00	\$142,200.00
1998	Clearfield	SKY HAVEN COAL INC.	17970101	4820-21-FG	0.00	\$153,000.00
1998	Clearfield	SKY HAVEN COAL INC.	17803150	4820-23-FG	0.00	\$168,000.00
1998	Clearfield	SKY HAVEN COAL INC.	17970114	4820-27-FG	0.00	\$74,400.00
1998	Clearfield	SKY HAVEN COAL INC.	17910109	4820-44-FG	0.00	\$0.00
1998	Clearfield	SWISHER CONTRACTING, INC.	17980104	4820-30-FG	0.00	\$222,000.00
1998	Clearfield	WAROQUIER COAL COMPANY	17960115	4820-14-FG	13.90	\$83,400.00
1998	Elk	ENERGY RESOURCES, INC.	24970103	4860-28-FG	35.80	\$196,800.00
1998	Indiana	ALVERDA ENTERPRISES, INC.	32980103	4840-23-FG	2.40	\$22,200.00
1998	Indiana	ALVERDA ENTERPRISES, INC.	32980103	4840-28-FG	0.00	\$6,000.00
1998	Indiana	G L R MINING, INC.	32940102	4840-14-FG	8.70	\$52,200.00
1998	Indiana	G L R MINING, INC.	32940102	4840-20-FG	24.60	\$147,600.00
1998	Indiana	K.M.P. ASSOCIATES	32950105	4840-17-FG	3.20	\$19,200.00
1998	Indiana	K.M.P. ASSOCIATES	32940109	4840-21-FG	0.00	\$64,500.00
1998	Indiana	SIMPSON COAL COMPANY	32970108	4840-15-FG	0.00	\$144,600.00
1998	Indiana	SIMPSON COAL COMPANY	32970107	4840-16-FG	5.00	\$30,000.00
1998	Indiana	SKY HAVEN COAL INC.	32980102	4840-26-FG	0.00	\$85,800.00
1998	Indiana	T. L. H. COAL COMPANY	32970105	4840-11-FG	0.00	\$140,400.00
1998	Jefferson	BEVERLY HILL COAL COMPANY	33970108	4860-24-FG	16.90	\$74,400.00
1998	Jefferson	COOKPORT COAL CO. INC.	33980104	4860-34-FG	15.60	\$52,800.00
1998	Jefferson	MAF COAL & EXCAVATION, INC.	33960107	4860-29-FG	0.00	\$65,400.00
1998	Jefferson	MSM COAL COMPANY, INC.	33970109	4860-18-FG	10.10	\$60,600.00
1998	Jefferson	MSM COAL COMPANY, INC.	33970103	4860-21-FG	41.40	\$115,200.00
1998	Jefferson	MSM COAL COMPANY, INC.	33970109	4860-25-FG	26.70	\$46,200.00

Year	County	Company Name	Permit #	Bond Number	AML Acres Reclaimed	Value Of Reclamation
1998	Jefferson	ORIGINAL FUELS, INC.	33970107	4860-31-FG	3.30	\$19,800.00
1998	Jefferson	ORIGINAL FUELS, INC.	33970107	4860-35-FG	48.30	\$289,800.00
1998	Jefferson	SWISHER CONTRACTING, INC.	33970104	4860-19-FG	0.90	\$34,200.00
1998	Jefferson	SWISHER CONTRACTING, INC.	33970104	4860-26-FG	7.80	\$18,000.00
1998	Jefferson	YENZI, JOHN R., JR.	33930112	4860-27-FG	0.00	\$9,000.00
1998	Somerset	FIEG BROTHERS	56930114	4840-18-FG	0.00	\$73,200.00
1998	Somerset	FRITZ COAL INC	56960101	4840-24-FG	0.00	\$44,400.00
1998	Somerset	ZUBEK, INC.	56950106	4840-25-FG	0.00	\$165,100.00
1998	Washington	ROBINSON COAL COMPANY	63950101	4830-22-FG	11.00	\$66,000.00
1998	Washington	ROBINSON COAL COMPANY	63910103	4830-28-FG	0.00	\$4,200.00
1998	Washington	RALPH SMITH & SON, INC.	65940107	4830-20-FG	11.00	\$38,400.00
1998	Westmoreland	RALPH SMITH & SON, INC.	65980101	4830-27-FG	0.00	\$76,200.00
1998	Westmoreland	V. P. SMITH COMPANY, INC.	65980102	4830-26-FG	11.50	\$132,000.00
1998	Westmoreland	V. P. SMITH COMPANY, INC.	65980102	4830-29-FG	0.00	\$80,400.00
				<b>Totals 1998</b>	<b>736.40</b>	<b>\$6,138,600.00</b>

Calender Year	County	Company Name	Permit #	Bond Number	AML Acres Reclaimed	Value Of Reclamation
1999	Allegheny	ROBINSON COAL COMPANY	2970101	4830-30-FG	0.00	\$19,800.00
1999	Armstrong	WALTER L. HOUSER COAL CO., INC.	3960102	4830-31-FG	0.00	\$100,800.00
1999	Butler	BEN HAL MINING COMPANY	10980109	4860-39-FG	9.50	\$66,600.00
1999	Butler	BEN HAL MINING COMPANY	10980109	4860-42-FG	22.70	\$34,800.00
1999	Butler	BEN HAL MINING COMPANY	10980103	4860-44-FG	21.60	\$40,800.00
1999	Butler	FLEISHNER EXCAVATING	10980110	4860-40-FG	14.60	\$70,800.00
1999	Butler	FLEISHNER EXCAVATING	10980110	4860-47-FG	0.00	\$16,800.00
1999	Cambria	E. P. BENDER COAL CO., INC.	11980102	4840-32-FG	0.00	\$175,200.00
1999	Cambria	L & J ENERGY COMPANY, INC.	11980101	4840-33-FG	0.00	\$112,800.00
1999	Cambria	LAUREL LAND DEVELOPMENT, INC.	11980103	4840-39-FG	22.50	\$152,400.00
1999	Cambria	R.J.C. KOHL INC.	11970105	4840-36-FG	4.60	\$92,400.00
1999	Clearfield	ECKLUND COAL CO., INC.	17910131	4820-46-FG	17.00	\$0.00
1999	Clearfield	ENERCORP, INC.	17970102	4820-54-FG	0.00	\$43,200.00
1999	Clearfield	FORCEY COAL, INC.	17980903	4820-60-FG	12.20	\$73,200.00
1999	Clearfield	JOHNSON BROTHERS COAL CO.	17980125	4820-50-FG	0.00	\$46,800.00
1999	Clearfield	JOHNSON BROTHERS COAL CO.	17970111	4820-52-FG	0.00	\$184,800.00
1999	Clearfield	JUNIOR COAL CONTRACTING, INC.	17980110	4820-38-FG	0.00	\$105,600.00
1999	Clearfield	JUNIOR COAL CONTRACTING, INC.	17900140	4820-55-FG	3.40	\$20,400.00
1999	Clearfield	JUNIOR COAL CONTRACTING, INC.	17970118	4820-62-FG	0.00	\$7,800.00
1999	Clearfield	JUNIOR COAL CONTRACTING, INC.	17980117	4820-64-FG	0.00	\$100,800.00
1999	Clearfield	LARRY D. BAUMGARDNER COAL CO., INC.	17960114	4820-47-FG	19.90	\$211,800.00
1999	Clearfield	LARRY D. BAUMGARDNER COAL CO., INC.	17960114	4820-67-FG	0.00	\$5,400.00
1999	Clearfield	LARRY D. BAUMGARDNER COAL CO., INC.	17990111	4820-74-FG	0.00	\$91,200.00
1999	Clearfield	LARSON ENTERPRISES, INC.	17820181	4820-45-FG	10.90	\$65,400.00
1999	Clearfield	LARSON ENTERPRISES, INC.	17980114	4820-56-FG	15.00	\$90,000.00
1999	Clearfield	LARSON ENTERPRISES, INC.	17950107	4820-59-FG	0.70	\$4,200.00
1999	Clearfield	LARSON ENTERPRISES, INC.	17980114	4820-69-FG	9.20	\$55,200.00
1999	Clearfield	M. R. Hainsey Contracting	17960102	4820-53-FG	4.80	\$0.00
1999	Clearfield	MORAVIAN RUN RECLAMATION COMPANY, INC.	17990901	4820-57-FG	7.80	\$46,800.00
1999	Clearfield	MORAVIAN RUN RECLAMATION COMPANY, INC.	17980109	4820-65-FG	25.70	\$154,200.00
1999	Clearfield	R. B. CONTRACTING	17980106	4820-49-FG	0.40	\$2,400.00

Year	County	Company Name	Permit #	Bond Number	AML Acres Reclaimed	Value Of Reclamation
1999	Clearfield	R. B. CONTRACTING	17980120	4820-51-FG	15.50	\$93,000.00
1999	Clearfield	R. B. CONTRACTING	17980106	4820-58-FG	0.80	\$4,800.00
1999	Clearfield	R. B. CONTRACTING	17980106	4820-66-FG	0.70	\$4,200.00
1999	Clearfield	RIVER HILL COAL CO., INC..	17980124	4820-61-FG	30.00	\$180,000.00
1999	Clearfield	RIVER HILL COAL CO., INC..	17753050	4820-63-FG	15.00	\$90,000.00
1999	Elk	TAMBURLIN BROTHERS COAL CO., INC.	24940101	4860-38-FG	0.00	\$138,600.00
1999	Indiana	ALVERDA ENTERPRISES, INC.	32980103	4840-40-FG	0.00	\$9,000.00
1999	Indiana	ALVERDA ENTERPRISES, INC.	32980103	4840-46-FG	0.00	\$3,600.00
1999	Indiana	ALVERDA ENTERPRISES, INC.	32980112	4840-48-FG	0.00	\$28,200.00
1999	Indiana	K.M.P. ASSOCIATES	32940109	4840-31-FG	0.00	\$46,200.00
1999	Indiana	K.M.P. ASSOCIATES	32970108	4840-34-FG	11.60	\$144,600.00
1999	Indiana	K.M.P. ASSOCIATES	32940109	4840-43-FG	0.00	\$3,000.00
1999	Indiana	MEARS ENTERPRISES, INC.	32970112	4840-35-FG	6.70	\$40,200.00
1999	Indiana	OPAL INDUSTRIES, INC.	32980110	4840-41-FG	0.00	\$177,600.00
1999	Indiana	SIMPSON COAL COMPANY	32980114	4840-38-FG	0.00	\$168,600.00
1999	Jefferson	COOKPORT COAL CO. INC.	33980104	4860-41-FG	8.70	\$52,200.00
1999	Jefferson	MCKAY COAL COMPANY, INC.	33990102	4860-37-FG	0.00	\$81,600.00
1999	Jefferson	MSM COAL COMPANY, INC.	33970109	4860-46-FG	21.70	\$114,000.00
1999	Jefferson	T. L. H. COAL COMPANY	33990108	4860-43-FG	0.00	\$158,400.00
1999	Somerset	FRITZ COAL INC	56980110	4840-37-FG	0.00	\$181,200.00
1999	Somerset	HOFFMAN MINING, INC.	56990101	4840-44-FG	0.00	\$161,400.00
1999	Somerset	PBS COALS, INC.	56880109	4840-45-FG	0.00	\$142,800.00
1999	Venango	BEN HAL MINING COMPANY	61980103	4860-36-FG	4.90	\$38,400.00
1999	Venango	BEN HAL MINING COMPANY	61980103	4860-45-FG	0.00	\$15,000.00
1999	Washington	KERRY COAL COMPANY	63980105	4830-33-FG	0.00	\$146,400.00
1999	Westmoreland	RALPH SMITH & SON, INC.	65980101	4830-32-FG	4.00	\$25,200.00
1999	Westmoreland	RALPH SMITH & SON, INC.	65980101	4830-34-FG	0.00	\$54,600.00
				<b>Totals 1999</b>	<b>342.10</b>	<b>\$4,495,200.00</b>

Calender Year	County	Company Name	Permit #	Bond Number	AML Acres Reclaimed	Value Of Reclamation
2000	Armstrong	WALTER L. HOUSER COAL CO., INC.	3990107	4830-39-FG	0.00	\$164,400.00
2000	Butler	BEN HAL MINING COMPANY	10990104	4860-58-FG	0.00	\$84,000.00
2000	Butler	BEN HAL MINING COMPANY	10970104	4860-62-FG	25.40	\$94,200.00
2000	Cambria	LAUREL ENERGY, L.P.	11990102	4840-55-FG	0.00	\$206,400.00
2000	Cambria	LAUREL LAND DEVELOPMENT, INC.	11970106	4840-54-FG	0.00	\$6,600.00
2000	Cambria	LAUREL LAND DEVELOPMENT, INC.	11980103	4840-58-FG	0.00	\$21,600.00
2000	Clarion	SKY HAVEN COAL INC.	16990105	4860-60-FG	0.00	\$205,800.00
2000	Clearfield	AL HAMILTON CONTRACTING COMPANY	17930117	4820-76-FG	0.00	\$176,400.00
2000	Clearfield	E. M. Brown, Inc.	17950117	4820-72-FG	0.00	\$149,000.00
2000	Clearfield	ENERCORP, INC.	17970102	4820-87-FG	0.00	\$2,400.00
2000	Clearfield	ENERCORP, INC.	17970102	4820-94-FG	0.00	\$16,800.00
2000	Clearfield	FORCEY COAL, INC.	17990119	4820-100-FG	0.00	\$6,000.00
2000	Clearfield	FORCEY COAL, INC.	17990112	4820-75-FG	0.00	\$111,600.00
2000	Clearfield	FORCEY COAL, INC.	17980122	4820-80-FG	6.90	\$41,400.00
2000	Clearfield	FORCEY COAL, INC.	17990119	4820-91-FG	0.00	\$31,800.00
2000	Clearfield	G & S Timber, Inc.	17990903	4820-70-FG	5.00	\$34,800.00
2000	Clearfield	G & S Timber, Inc.	17990904	4820-71-FG	0.00	\$24,000.00
2000	Clearfield	G & S Timber, Inc.	17000106	4820-98-FG	5.80	\$34,800.00
2000	Clearfield	JUNIOR COAL CONTRACTING, INC.	17970118	4820-86-FG	0.00	\$6,600.00
2000	Clearfield	JUNIOR COAL CONTRACTING, INC.	17980117	4820-89-FG	0.00	\$76,800.00
2000	Clearfield	JUNIOR COAL CONTRACTING, INC.	17000901	4820-93-FG	4.50	\$27,000.00
2000	Clearfield	LARRY D. BAUMGARDNER COAL CO., INC.	17960114	4820-92-FG	0.00	\$108,000.00
2000	Clearfield	LARSON ENTERPRISES, INC.	17990121	4820-101-FG	0.00	\$12,000.00
2000	Clearfield	LARSON ENTERPRISES, INC.	17990121	4820-77-FG	0.00	\$121,800.00
2000	Clearfield	Mark Coal	17990124	4820-83-FG	0.00	\$40,800.00
2000	Clearfield	MORAVIAN RUN RECLAMATION COMPANY, INC	17990109	4820-73-FG	0.00	\$172,800.00
2000	Clearfield	MORAVIAN RUN RECLAMATION COMPANY, INC	17980109	4820-79-FG	7.50	\$45,000.00
2000	Clearfield	SKY HAVEN COAL INC.	17970101	4820-78-FG	0.00	\$178,200.00
2000	Clearfield	SKY HAVEN COAL INC.	17960101	4820-85-FG	0.00	\$159,600.00
2000	Clearfield	STRISHOCK COAL COMPANY	17860135	4820-88-FG	0.00	\$53,400.00
2000	Clearfield	SWISHER CONTRACTING, INC.	17990118	4820-84-FG	0.00	\$234,000.00
2000	Clearfield	THUNDER COAL COMPANY	17990123	4820-81-FG	0.00	\$34,800.00



Year	County	Company Name	Permit #	Bond Number	AML Acres Reclaimed	Value Of Reclamation
2000	Clearfield	WAROQUIER COAL COMPANY	17990108	4820-99-FG	10.00	\$60,000.00
2000	Elk	TAMBURLIN BROTHERS COAL CO., INC.	24940101	4860-54-FG	0.00	\$60,000.00
2000	Elk	TAMBURLIN BROTHERS COAL CO., INC.	24920101	4860-55-FG	0.00	\$43,800.00
2000	Indiana	ALVERDA ENTERPRISES, INC.	32980112	4840-67-FG	0.00	\$7,800.00
2000	Indiana	G L R MINING, INC.	32970106	4840-51-FG	25.20	\$151,200.00
2000	Indiana	K.M.P. ASSOCIATES	32970108	4840-50-FG	0.00	\$172,200.00
2000	Indiana	K.M.P. ASSOCIATES	32990110	4840-52-FG	0.00	\$93,600.00
2000	Indiana	KRAYNAK COAL COMPANY	32960103	4840-56-FG	0.00	\$66,600.00
2000	Indiana	KRAYNAK COAL COMPANY	32980111	4840-57-FG	0.00	\$51,000.00
2000	Indiana	SIMPSON COAL COMPANY	32980114	4840-59-FG	0.00	\$6,000.00
2000	Indiana	T. L. H. COAL COMPANY	32950108	4840-63-FG	12.00	\$22,800.00
2000	Indiana	WALLS, GARY C	32990106	4840-60-FG	9.50	\$135,000.00
2000	Jefferson	BEN HAL MINING COMPANY	33960107	4860-59-FG	0.00	\$65,400.00
2000	Jefferson	COOKPORT COAL CO. INC.	33990113	4860-56-FG	60.60	\$181,800.00
2000	Jefferson	MSM COAL COMPANY, INC.	33970103	4860-50-FG	3.00	\$18,000.00
2000	Jefferson	MSM COAL COMPANY, INC.	33980109	4860-51-FG	22.10	\$132,600.00
2000	Jefferson	STRISHOCK COAL COMPANY	33920103	4860-53-FG	12.80	\$76,800.00
2000	Jefferson	STRISHOCK COAL COMPANY	33990109	4860-61-FG	0.00	\$148,200.00
2000	Jefferson	YENZI, LEONARD W.	33950102	4860-52-FG	0.00	\$10,200.00
2000	Somerset	DUPPSTADT COAL	56890111	4840-49-FG	0.00	\$112,800.00
2000	Somerset	DUPPSTADT COAL	56990102	4840-53-FG	0.00	\$153,600.00
2000	Venango	BEN HAL MINING COMPANY	61980103	4860-48-FG	0.00	\$38,400.00
2000	Venango	BEN HAL MINING COMPANY	61990102	4860-49-FG	1.70	\$22,800.00
2000	Venango	BEN HAL MINING COMPANY	61990102	4860-57-FG	17.00	\$90,000.00
2000	Venango	KERRY COAL COMPANY	63980105	4830-41-FG	0.00	\$9,000.00
2000	Westmoreland	RALPH SMITH & SON, INC.	65970901	4830-35-FG	0.00	\$135,000.00
2000	Westmoreland	V. P. SMITH COMPANY, INC.	65990105	4830-37-FG	0.00	\$153,600.00
2000	Westmoreland	V. P. SMITH COMPANY, INC.	65000101	4830-42-FG	0.00	\$64,800.00
				<b>Totals 2000</b>	<b>229.00</b>	<b>\$4,965,800.00</b>

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2001	Allegheny	ROBINSON COAL COMPANY	2950102	4830-23-FG	8.70	\$66,000.00
2001	Armstrong	P. AND N. COAL CO., INC.	3000106	4830-43-FG	0.00	\$198,000.00
2001	Armstrong	WALTER L. HOUSER COAL CO., INC.	3980101	4830-38-FG	0.00	\$139,800.00
2001	Beaver	KERRY COAL COMPANY	4840101	4830-48-FG	0.00	\$180,000.00
2001	Bedford	DASH COAL CO., INC.	5773002	4840-85-FG	0.00	\$88,200.00
2001	Blair	COONEY BROS. COAL CO.	7000101	4840-79-FG	0.00	\$91,200.00
2001	Butler	ROSEBUD MINING COMPANY	10890114	4860-65-FG	0.00	\$79,200.00
2001	Butler	ROSEBUD MINING COMPANY	10890114	4860-67-FG	0.00	\$100,800.00
2001	Cambria	HOFFMAN MINING, INC.	11000104	4840-78-FG	0.00	\$174,000.00
2001	Cambria	L & J ENERGY COMPANY, INC.	11980101	4840-75-FG	0.00	\$25,800.00
2001	Cambria	LAUREL LAND DEVELOPMENT, INC.	11970106	4840-65-FG	0.00	\$56,400.00
2001	Cambria	LAUREL LAND DEVELOPMENT, INC.	11980103	4840-73-FG	0.00	\$107,400.00
2001	Cambria	T. J. MINING, INC.	11000103	4840-66-FG	0.00	\$99,600.00
2001	Centre	RIVER HILL COAL CO., INC..	14960101	4820-105-FG	0.00	\$34,200.00
2001	Centre	RIVER HILL COAL CO., INC..	14000101	4820-111-FG	0.00	\$151,200.00
2001	Clearfield	A. W. LONG COAL CO.	17714022	4820-103-FG	0.00	\$28,800.00
2001	Clearfield	E. M. Brown, Inc.	17950117	4820-116-FG	0.00	\$18,600.00
2001	Clearfield	E. P. BENDER COAL CO., INC.	17970105	4820-115-FG	0.00	\$21,600.00
2001	Clearfield	ENERCORP, INC.	17970102	4820-110-FG	0.00	\$18,000.00
2001	Clearfield	FORCEY COAL, INC.	17970106	4820-106-FG	0.00	\$115,200.00
2001	Clearfield	FORCEY COAL, INC.	17000104	4820-107-FG	12.40	\$74,400.00
2001	Clearfield	FORCEY COAL, INC.	17990112	4820-108-FG	0.00	\$27,000.00
2001	Clearfield	FORCEY COAL, INC.	17000104	4820-114-FG	4.00	\$110,400.00
2001	Clearfield	HILLTOP COAL COMPANY	17000105	4820-95-FG	0.00	\$43,800.00
2001	Clearfield	K & J COAL CO., INC.	17960121	4820-96-FG	9.40	\$103,800.00
2001	Clearfield	LARSON ENTERPRISES, INC.	17940123CB	4820-119-FG	9.70	\$58,422.00
2001	Clearfield	R J Coal Co	17980121	4820-109-FG	0.00	\$122,400.00
2001	Clearfield	SKY HAVEN COAL INC.	17930117	4820-90-FG	10.00	\$176,400.00
2001	Clearfield	THUNDER COAL COMPANY	17990123	4820-102-FG	0.00	\$18,000.00
2001	Fayette	CARBON FUEL RESOURCES, INC.	26000201	4830-49-FG	0.00	\$884,000.00
2001	Fayette	MARQUISE MINING CORPORATION	26980101	4830-47-FG	0.00	\$140,400.00
2001	Indiana	ALVERDA ENTERPRISES, INC.	32000104	4840-89-FG	0.00	\$16,800.00
2001	Indiana	BRITT ENERGIES INC	32000102	4840-80-FG	0.00	\$233,400.00
2001	Indiana	K.M.P. ASSOCIATES	32970108	4840-74-FG	0.00	\$45,600.00

Calender Year	County	Company Name	Permit #	Bond Number	AML Acres Reclaimed	Value Of Reclamation
2001	Indiana	KRAYNAK COAL COMPANY	32980111	4840-68-FG	0.00	\$24,000.00
2001	Indiana	KRAYNAK COAL COMPANY	32000107	4840-69-FG	0.00	\$87,600.00
2001	Indiana	KRAYNAK COAL COMPANY	32980111	4840-77-FG	0.00	\$11,400.00
2001	Indiana	OPAL INDUSTRIES, INC.	32010101	4840-88-FG	0.00	\$177,600.00
2001	Indiana	T. L. H. COAL COMPANY	32990103	4840-47-FG	0.00	\$127,800.00
2001	Indiana	T. L. H. COAL COMPANY	32950108	4840-86-FG	7.20	\$20,400.00
2001	Indiana	WALLS, GARY C	32990106	4840-70-FG	0.00	\$81,000.00
2001	Indiana	WALLS, GARY C	32990106	4840-81-FG	0.00	\$51,600.00
2001	Indiana	WALTER L. HOUSER COAL CO., INC.	32990109	4840-64-FG	0.00	\$51,000.00
2001	Jefferson	BEN HAL MINING COMPANY	33960107	4860-63-FG	0.00	\$18,000.00
2001	Jefferson	T. L. H. COAL COMPANY	33990108	4860-68-FG	0.00	\$600.00
2001	Somerset	COONEY BROS. COAL CO.	56000101	4840-87-FG	0.00	\$154,800.00
2001	Somerset	Duppstadt Coal	56890111	4840-61-FG	0.00	\$112,800.00
2001	Somerset	Duppstadt Coal	56990102	4840-62-FG	0.00	\$157,200.00
2001	Somerset	HARDROCK COAL COMPANY	56950110	4840-83-FG	0.00	\$15,600.00
2001	Somerset	HOFFMAN MINING, INC.	56000105	4840-71-FG	0.00	\$174,600.00
2001	Somerset	MARQUISE MINING CORPORATION	56980106	4840-84-FG	0.00	\$75,600.00
2001	Somerset	Mountainside Excavating Inc	56000104	4840-72-FG	0.00	\$150,600.00
2001	Somerset	ZUBEK, INC.	56950106	4840-76-FG	0.00	\$7,200.00
2001	Sullivan	FALCON COAL & CONSTRUCTION CO.	57000901	4820-104-FG	0.00	\$66,600.00
2001	Venango	BEN HAL MINING COMPANY	61980103	4860-64-FG	0.00	\$58,200.00
2001	Venango	BEN HAL MINING COMPANY	61980103	4860-66-FG	0.00	\$9,000.00
2001	Washington	KERRY COAL COMPANY	63980105	4830-46-FG	0.00	\$6,200.00
2001	Washington	KERRY COAL COMPANY	63010101	4830-50-FG	0.00	\$86,400.00
2001	Westmoreland	REICHARD CONTRACTING, INC.	65000201	4830-45-FG	0.00	\$267,800.00
2001	Westmoreland	V. P. SMITH COMPANY, INC.	65990105	4830-51-FG	0.00	\$63,600.00
2001	Westmoreland	V. P. SMITH COMPANY, INC.	65010102	4830-52-FG	0.00	\$95,400.00
2001	Westmoreland	V. P. SMITH COMPANY, INC.	65010102	4830-61-FG	0.00	\$33,000.00
				<b>Totals 2001</b>	<b>61.40</b>	<b>\$6,034,422.00</b>

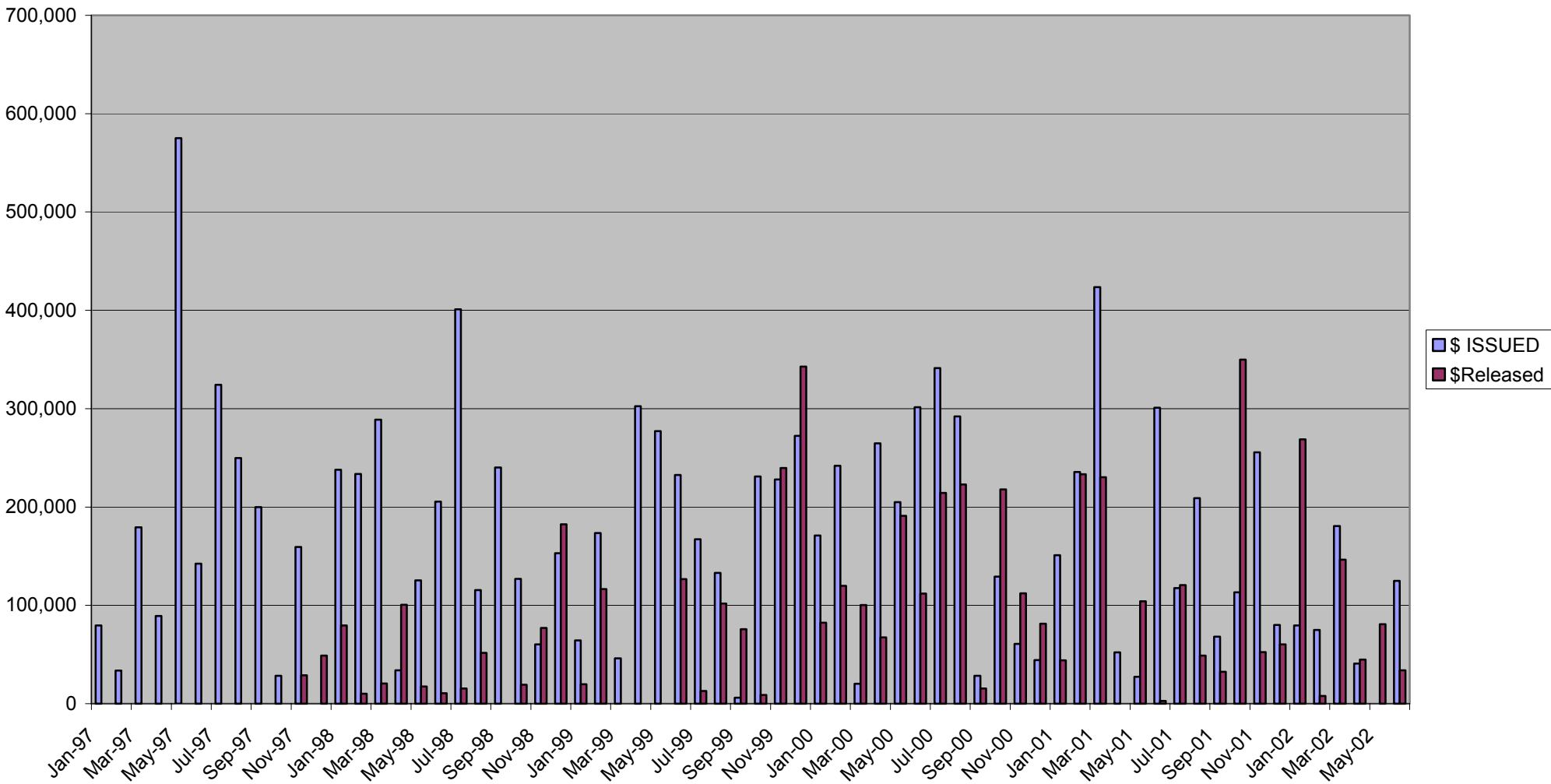
Calender Year	County	Company Name	Permit #	Bond Number	AML Acres Reclaimed	Value Of Reclamation
2002	Armstrong	ALVERDA ENTERPRISES, INC.	3020103	4830-56-FG	0.00	\$63,000.00
2002	Armstrong	MARQUISE MINING CORPORATION	3010103	4830-54-FG	0.00	\$42,600.00
2002	Butler	T. C. MINING	10010112	4860-70-FG	0.00	\$220,800.00
2002	Cambria	E. P. BENDER COAL CO., INC.	11010101	4840-82-FG	0.00	\$161,400.00
2002	Cambria	E. P. BENDER COAL CO., INC.	11010102	4840-96-FG	0.00	\$336,000.00
2002	Clarion	ORIGINAL FUELS, INC.	16940105	4860-71-FG	0.00	\$199,200.00
2002	Clearfield	Bell Resources, Inc.	17010103	4820-118-FG	0.00	\$112,200.00
2002	Clearfield	BETH CONTRACTING, INC.	17970111	4820-68-FG	0.00	\$184,800.00
2002	Clearfield	COMPASS COAL CO., INC.	17010102	4820-123-FG	0.00	\$80,000.00
2002	Clearfield	FORCEY COAL, INC.	17990119	4820-117-FG	0.00	\$10,800.00
2002	Clearfield	LARRY D. BAUMGARDNER COAL CO., INC.	17990111	4820-124-FG	0.00	\$35,792.00
2002	Clearfield	MORAVIAN RUN RECLAMATION COMPANY, INC	17010113	4820-121-FG	0.00	\$145,800.00
2002	Indiana	ALVERDA ENTERPRISES, INC.	32010110	4840-95-FG	0.00	\$72,600.00
2002	Indiana	ALVERDA ENTERPRISES, INC.	32010111	4840-98-FG	0.00	\$42,600.00
2002	Indiana	KRAYNAK COAL COMPANY	32980111	4840-92-FG	0.00	\$45,600.00
2002	Indiana	M&S MINING INC	32980106	4840-100-FG	0.00	\$8,400.00
2002	Indiana	T. L. H. COAL COMPANY	32010113	4840-93-FG	0.00	\$1,800.00
2002	Indiana	WALTER L. HOUSER COAL CO., INC.	32010106	4840-94-FG	0.00	\$64,000.00
2002	Jefferson	COOKPORT COAL CO. INC.	33020101	4860-72-FG	0.00	\$246,600.00
2002	Jefferson	UREY COAL COMPANY	33950106	4860-69-FG	0.00	\$51,600.00
2002	Somerset	Duppstadt Coal	56890111	4840-97-FG	0.00	\$229,200.00
2002	Somerset	GODIN BROS., INC.	56010104	4840-102-FG	0.00	\$73,200.00
2002	Somerset	HERITAGE MINING COMPANY	569790104	4840-99-FG	0.00	\$105,600.00
2002	Somerset	MARQUISE MINING CORPORATION	56990105	4840-91-FG	0.00	\$143,400.00
2002	Somerset	Mountainside Excavating Inc	56000104	4840-90-FG	0.00	\$15,000.00
2002	Somerset	PBS COALS, INC.	56000104	4840-101-FG	0.00	\$165,600.00
2002	Venango	BEN HAL MINING COMPANY	61020101	4860-73-FG	0.00	\$40,800.00
2002	Washington	RACCOON COAL COMPANY	63860110	4830-53-FG	0.00	\$30,000.00
2002	Washington	RACCOON COAL COMPANY	63860110	4830-55-FG	0.00	\$0.00
2002	Washington	ROBINSON COAL COMPANY	63880102	4830-57-FG	0.00	\$43,200.00
2002	Westmoreland	GARY GIOIA COAL COMPANY	65990103	4830-40-FG	0.00	\$100,800.00
2002	Westmoreland	MILLWOOD DEV INC	65990104	4830-58-FG	0.00	\$48,000.00
Calender Year	County	Company Name	Permit #	Bond Number	AML Acres	Value Of

					<b>Reclaimed</b>	<b>Reclamation</b>
2002	Westmoreland	MILLWOOD DEV INC	65880106	4830-59-FG	0.00	\$1,656,000.00
2002	Westmoreland	V. P. SMITH COMPANY, INC.	65010102	4830-60-FG	0.00	\$68,400.00
				<b>Totals 2002</b>	<b>0.00</b>	<b>\$4,844,792.00</b>
				<b>Totals 97 -02</b>	<b>1912.60</b>	<b>\$33,016,864.00</b>

# APPENDIX D

## Financial Guarantees to Ensure Reclamation

Remining Financial Guarantees Issued and Released January 97 to June 02



## Appendix E Bond Credits

Fiscal Years 1997 - 2001

County	Fiscal Year	Company Name	Original Issuance Date	Remine Acres Agreed To Reclaim	Value of Bond Credit	AML Acres Reclaimed	Value of Reclamation
Armstrong	1998	Amerikohl Mining Inc.	07/16/1998	7.3	\$41,747	7.3	\$43,800
Clarion	1998	MSM Coal Company, Inc.	07/08/1998	3.9	\$20,645	3.9	\$23,400
Clearfield	1999	Larson Enterprises, Inc	10/20/1999	15.0	\$43,150	15.0	\$82,500
Northumberland	1999	Blaschak Coal	10/13/2000	2.6	\$28,832	3	\$28,832
Columbia	2001	Blaschak Coal	10/2001		\$34,466	1.8	\$38,739
		<b>Totals for Completed Projects</b>		<b>30.6</b>	<b>\$168,840</b>	<b>31.0</b>	<b>\$217,271</b>

## Appendix F

### 146 Remining Financial Assurance Fund Report of Revenue Earned and Expenses by Fiscal Year

										AS OF 3/16/2003
Beginning Balance, July 1	FY 95/96	FY 96/97	FY 97/98	FY 98/99	FY 99/00	FY 00/01	FY 01/02	FY 02/03	FY 02/03	FY 02/03
	\$ -	\$ 1,000,000	\$ 2,009,179	\$ 2,043,351	\$ 2,097,935	\$ 2,155,633	\$ 2,211,526	\$ 2,282,232	\$ 2,282,232	\$ 2,282,232
<b>Receipts:</b>										
Transfer fr Land & Water Dev. Fund	\$ 1,000,000	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operator Annual Fees	\$ -	\$ 9,179	\$ 34,270	\$ 54,584	\$ 57,698	\$ 65,896	\$ 70,706	\$ 55,260	\$ 55,260	\$ 55,260
<b>Expenditures:</b>										
Remining Financial Assurance	\$ -	\$ -	\$ 99.00	\$ -	\$ -	\$ 10,003	\$ -	\$ -	\$ -	\$ -
<b>Total Expenditures</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 99.00</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 10,003</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Ending Balance</b>	<b>\$ 1,000,000</b>	<b>\$ 2,009,179</b>	<b>\$ 2,043,351</b>	<b>\$ 2,097,935</b>	<b>\$ 2,155,633</b>	<b>\$ 2,211,526</b>	<b>\$ 2,282,232</b>	<b>\$ 2,337,493</b>	<b>\$ 2,337,493</b>	<b>\$ 2,337,493</b>

NOTE: By law, interest earnings are to be transferred to the Land & Water Dev. Sinking Fund and are, therefore, not included here.

