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SURFACE MINING CONSERVATION AND RECLAMATION ACT
REMINING INCENTIVES REPORT
2004

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

Prepared by:
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Office of Mineral Resources Management



TABLE of CONTENTS

I. Executive Summary 1

II. Conclusions and Recommendations..... 4

III. Background..... 5

IV. Individual Program Descriptions 6

A. SMCRA Section 4.8 – Government-Financed Reclamation and Construction Contracts..... 6

B. SMCRA Section 4.9 - Designating Areas Suitable for Remining 7

C. SMCRA Section 4.10 - Remining Operator’s Assistance Program..... 7

D. SMCRA Section 4.12 - Financial Guarantees 9

E. SMCRA Section 4.13 - Reclamation Bond Credits 10

V. Remining Environmental Enhancement Fund 11

VI. Remining Financial Assurance Fund..... 11

Appendices

- A) Mining and Reclamation Advisory Board Comments
- B) Government-Financed Reclamation and Construction Contracts Project List
- C) Remining Operator’s Assistance Program Project List
- D) Remining Financial Guarantees to Ensure Reclamation Project List
- E) Reclamation Bond Credit Project List

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, 2004.

Since its inception, Pennsylvania's remining programs have been very successful. Coal mine operators using these programs have reclaimed, 2842.9 abandoned mine land (AML) acres equivalent to \$21,728,271 in reclamation value. The Department tracks reclamation of AML completed by the mining industry as part of the completion report process. With the change from an Alternate Bonding System to a Conventional Bonding System the vast majority of completion reports are submitted at the very end of the mining activity instead of being submitted throughout the life of the mining permit. As a result of this change there will be a gap in the reporting of reclaimed AML for several years. This is demonstrated by the 179.3 acres of reclaimed AML for 2004 as compared with 400 to 500 acres/year in previous years.

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, 2004, 109 contracts were issued. These contracts have successfully completed a total reclamation value of \$6,641,310 as of December 31, 2004.

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, 2004, 30 operators requested to participate in this program on 60 remining sites. Through December 31, 2004, 44 projects have resulted in approved remining permits projected to reclaim 1,618 acres of abandoned mine land with a reclamation value of \$9,708,000.

Under the Financial Guarantees program, the Department of Environmental Protection provides low-cost bonding of remining areas. As of December 31, 2004, 113 coal mine operators used Financial Guarantees to bond 418 mining permit increments. Those operations have reclaimed 2080 acres of abandoned mine land, saving the Commonwealth an estimated \$12,480,000

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 promulgated regulations nor established final criteria for the Designating Areas Suitable for Remining program. This program is not workable.

The Department recommends (1) Section 4(d) of SMCRA be amended to allow reclamation bonds posted for "lands eligible for remining" to be released similar to the provisions of federal SMCRA; (2) continuing the remining incentives programs; and (3) continuing to identify and develop all possible remining incentives.

Summary of Remining Programs
 1996 - 2003

| Program | Year | Number of Companies | Number of Projects | AML Acres Reclaimed as of 12/31/03 | Reclamation Value of Projects Completed by 12/31/04 |
|---|-------------|----------------------------|---------------------------|---|--|
| Government-Financed Reclamation Contracts | 91-04 | 42 | 109 | 592.7 | \$3,554,539 |
| ROAP | 97-04 | 30 | 60 | 221 | \$1,326,000 |
| Financial Guarantee | 96-04 | 113 | 418 | 2080 | \$12,480,000 |
| Bond Credits | 96-04 | 4 | 5 | 31 | \$217,271 |
| Totals | | | 592 | 2924.7 | \$17,577,810 |

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, is not feasible. In the time the four programs have been available, coal mine operators have used them to aid in completing reclamation of 2,924.7 acres of abandoned mine land. This equates to an approximate reclamation value of \$17,577,810¹ (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

¹ The 2003 Remining Incentives Report erroneously showed the reclamation value for completed Government Financed Reclamation Contracts as \$9,955,350. \$9,955,350 was the total reclamation value this program will provide the Commonwealth for the contracts as of December 2003. The \$9,955,350 included values for all (then current) projects whether the reclamation was completed or not.

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 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 that is incidental to the reclamation 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's state inventory at the end of 2003 showed 886 abandoned coal refuse piles, covering 9,304 acres in 36 of the 67 Pennsylvania counties. The estimated cost to reclaim these piles is more than \$102 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, 92 contracts have been issued. These 92 operations have reclaimed 510.9 acres of abandoned mine land as of December 31, 2004. 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:

| | As of 12/31/03 | As of 12/21/04 |
|---|-----------------------|-----------------------|
| Number of acres of coal refuse pile completed | 466.4 | 510.9 |
| Number of projects completed | 44 | 52 |
| Number of projects | 92 | 109 |

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. The analysis has been completed and there is no practicable way to implement this program.

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, 2004, 30 operators have requested to participate in this program on 60 remining sites. As of December 31, 2004, 44 projects resulted in permits. When completed, the operators will have accomplished 1,618 acres of surface abandoned mine reclamation and 844 acres of underground reclamation. This work has the potential to provide \$9,708,000 worth of AML surface reclamation. The cost to the Department in ROAP program assistance for these 44 sites has been \$585,879.

The applicant canceled nine of the 60 projects. 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 remined due to potential degradation of the environment. The Department collected reimbursement on one project totaling \$11,726. Two applications were denied. The Department cost for these nine projects totals \$93,908.

The remaining nine 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 \$28,594,200 at a total cost to the Department of \$897,200. No new ROAP Contracts were issued during 2004. Operator interest in this program has been declining since 1999.

Remining Operator’s Assistance Program (ROAP) Overview:

| | As of 12-31-03 | As of 12-31-04 |
|---|-----------------------|-----------------------|
| Reclamation value of areas completed | \$897,200 | \$897,200 |
| Reclamation value after all supported sites become permits | \$28,594,200 | \$28,594,200 |
| Number of acres reclaimed | 221 | 221 |
| Number of remine acres reclaimed after all supported sites become permits | 14,766 | 14,766 |
| Number of operators participating in ROAP | 30 | 30 |
| Number of ROAP projects started | 60 | 60 |
| Number of ROAP projects becoming permit | 37 | 44 |

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 instruments issued have included Financial Guarantees.

As of December 31, 2004, 113 coal mine operators have used Financial Guarantees to bond 418 times. Those operators have reclaimed 2080 acres of abandoned mine land. This has saved the Commonwealth an estimated \$12,480,000 in reclamation costs, based on an average of \$6,000/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

| | As of 12/31/03 | As of 12-31-04 |
|--|-----------------------|-----------------------|
| Reclamation value of abandoned mine projects | \$12,162,000 | \$12,480,000 |
| Number of acres of AML completed | 2,027 | 2080 |
| Number of operators participating | 108 | 113 |
| Number of financial guarantees issued | 391 | 418 |

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 initially expected 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 a conventional bond system.

This program has matured in the last couple of years. In 2003 and 2004 the Remining Financial Guarantee instrument dollar values are being released at the nearly the same instrument dollar values as are being issued. Approximately \$1,300,000 is being issued. The total dollar values released for these two years are within approximately \$100,000 of the value issued.

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. The bond credit may be transferred to another operator.

Four licensed mine operators have five Bond Credit projects. All of these projects have been completed. The earned “bond credits” are either being used or are in the process of being used.

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

| | As of 12-31-03 | As of 12-31/04 |
|--|-----------------------|-----------------------|
| Reclamation value for completed projects | \$217,271 | \$217,271 |
| Number of acres reclaimed | 31 | 31 |
| Number of projects completed | 5 | 5 |

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

Mining and Reclamation Advisory Board

The Surface Mining Conservation and Reclamation Act, Remining Incentives Report, 1996-2004, was presented to the Mining and Reclamation Advisory Board on April 28, 2005.

Appendix B

Government-Financed Reclamation Contracts and Government-Financed Construction Contracts

| Year | County | Project | Company Name | Issuance Date | Proposed Acres | Acres Reclaimed | Value Of Reclamation | Date Completed |
|------|------------|----------------------|-------------------------------|---------------|----------------|-----------------|----------------------|----------------|
| 1992 | ARMSTRONG | LEECHBURG PROPERTY | LEECHBURG PROPERTIES INC./NCC | 06/29/1992 | 225 | 51.3 | \$4,000,000.00 | |
| 1993 | CLEARFIELD | BENJAMIN #6 17-93-01 | CLEARFIELD PROPERTIES, INC. | 09/27/1993 | 50 | 12 | \$500,000.00 | |
| 1994 | FAYETTE | BALLFIELD SITE | M & Y SERVICES, INC. | 12/20/1994 | 17.5 | 17.5 | \$97,500.00 | 09/13/1999 |
| 1995 | BLAIR | GALLITZIN | M & Y SERVICES, INC. | 08/25/1995 | 6.5 | 6.5 | \$46,500.00 | 10/03/2000 |
| 1995 | CAMBRIA | BAKERTON (11-95-01) | RNS SERVICES, INC. | 06/29/1995 | 23.8 | 0 | \$183,800.00 | 09/23/1997 |
| 1995 | CAMBRIA | LANCASHIRE #15 | RNS SERVICES, INC. | 03/03/1995 | 11 | 0 | \$91,000.00 | 05/02/2001 |
| 1995 | FAYETTE | PALMER SITE | M & Y SERVICES, INC. | 12/19/1995 | 32 | 32 | \$192,000.00 | 05/10/2001 |
| 1995 | FAYETTE | BUTE SITE | M & Y SERVICES, INC. | 11/27/1995 | 2 | 2 | \$22,000.00 | 05/05/1997 |
| 1995 | FAYETTE | FAIRBANKS | M & Y SERVICES, INC. | 05/20/1995 | 6.5 | 6.5 | \$50,000.00 | 12/09/1996 |
| 1995 | INDIANA | NCF-HESHON WEST | RNS SERVICES, INC. | 01/13/1995 | 8.3 | 8.3 | \$48,300.00 | 12/02/1997 |
| 1996 | CAMBRIA | | RNS SERVICES, INC. | 07/12/1996 | 8.8 | 0 | \$48,800.00 | 05/02/2001 |
| 1996 | CAMBRIA | NANTY GLO REFUSE | SMITH ENERGY, INC. | 11/14/1996 | 2.9 | 1 | \$22,900.00 | 11/12/1998 |
| 1996 | SOMERSET | GAHAGEN REFUSE | PBS COALS, INC. | 03/25/1996 | 6.3 | 0 | \$46,300.00 | 02/05/2002 |
| 1997 | ALLEGHENY | CURTISVILLE 02-97-01 | ACV POWER CORPORATION | 09/19/1997 | 7.5 | 7.5 | \$47,500.00 | 11/04/1998 |
| 1997 | FAYETTE | LAMBERT WEST | M & Y SERVICES, INC. | 10/06/1997 | 8.6 | 8.6 | \$48,600.00 | 05/15/1998 |
| 1998 | ALLEGHENY | LLOYD SITE | ACV POWER CORPORATION | 07/10/1998 | 36 | 29 | \$186,000.00 | 05/15/2003 |
| 1998 | FAYETTE | LAMBERTON EAST | M & Y SERVICES, INC. | 12/11/1998 | 13.4 | 6 | \$65,000.00 | 06/09/1999 |
| 1998 | FAYETTE | CAMELOT SITE | M & Y SERVICES, INC. | 04/08/1998 | 6 | 7.67 | \$45,600.00 | |
| 1998 | INDIANA | LUCERNE NO. 2 | ACV POWER CORPORATION | 01/29/1998 | 39.4 | 0 | \$199,400.00 | |
| 1998 | INDIANA | JACKSONVILLE HILL | AMERIKOHL MINING, INC. | 03/05/1998 | 3.4 | 0 | \$24,700.00 | 02/05/1999 |
| 1999 | ARMSTRONG | BAYLOR | ABM MINING CO. | 11/02/1999 | 4.8 | 4.8 | \$19,200.00 | 04/04/2001 |
| 1999 | FAYETTE | REVERE SITE | CARBON FUEL RESOURCES, INC. | 03/29/1999 | 10 | 20 | \$50,000.00 | 11/16/1999 |
| 1999 | FAYETTE | THOMPSON 26-99-01 | CARBON FUEL RESOURCES, INC. | 11/16/1999 | 30.5 | 36.9 | \$121,000.00 | 08/04/2003 |
| 1999 | GREENE | MATHER SLURRY POND | DAVID KOVACH | 03/12/1999 | 5 | 0 | \$25,000.00 | |
| 1999 | INDIANA | MENTCLE (32-99-03) | RNS SERVICES, INC. | 09/09/1999 | 5.4 | 0 | \$45,400.00 | 05/02/2001 |
| 1999 | JEFFERSON | 33-99-01 | ACV POWER CORPORATION | 10/29/1999 | 16.2 | 0 | \$81,900.00 | |

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|------|--------------|----------------------|---------------------------------------|------------|------|------|--------------|------------|
| 2000 | ALLEGHENY | RUSSELTON SOUTH | ACV POWER CORPORATION | 07/28/2000 | 0 | 0 | \$49,800.00 | |
| 2000 | ALLEGHENY | MADIA | AMERIKOHL MINING, INC. | 01/28/2000 | 7.3 | 7.8 | \$224,310.00 | 07/18/2000 |
| 2000 | ALLEGHENY | TOTH SITE | MGS GENERAL CONTRACTING INC | 11/14/2000 | 2.1 | 2.1 | \$10,000.00 | 05/09/2003 |
| 2000 | ARMSTRONG | BAYLOR RECL. #2 | ABM MINING CO. | 08/17/2000 | 4.9 | 4.9 | \$19,600.00 | 04/12/2002 |
| 2000 | CLEARFIELD | HOLLYWOOD | ACV POWER CORPORATION | 12/20/2000 | 34.5 | 34.5 | \$232,000.00 | 10/31/2004 |
| 2000 | FAYETTE | SMOCK - 26-99-03 | CARBON FUEL RESOURCES, INC. | 05/02/2000 | 5 | 25 | \$25,000.00 | 11/05/2002 |
| 2000 | FAYETTE | WILBURN | PATTERSON COAL CO. | 03/01/2000 | 5 | 5 | \$28,000.00 | 08/23/2000 |
| 2000 | FAYETTE | MILAN SITE | PATTERSON COAL CO. | 09/19/2000 | 5 | 5 | \$20,000.00 | 05/31/2001 |
| 2000 | FAYETTE | HUDOCK | PATTERSON COAL CO. | 05/16/2000 | 5 | 11 | \$25,000.00 | 10/26/2000 |
| 2000 | FAYETTE | DUGAN HILL | ROBERT SPERKO | 11/28/2000 | 7 | 7 | \$25,000.00 | 08/18/2003 |
| 2000 | FAYETTE | WYNN SITE | T. L. HILL COAL COMPANY | 09/07/2000 | 7 | 0 | \$17,500.00 | |
| 2000 | FAYETTE | KYLE SITE | T. L. HILL COAL COMPANY | 03/03/2000 | 8.8 | 9 | \$18,000.00 | 09/20/2000 |
| 2000 | INDIANA | LUCIUSBORO | ACV POWER CORPORATION | 07/27/2000 | 2.3 | 0 | \$120,000.00 | 06/27/2001 |
| 2000 | INDIANA | ERNEST REFUSE AREA 4 | AMERIKOHL MINING, INC. | 12/19/2000 | 32.2 | 0 | \$39,820.00 | |
| 2000 | JEFFERSON | 33-00-02 | ACV POWER CORPORATION | 07/07/2000 | 21.2 | 0 | \$99,800.00 | |
| 2000 | JEFFERSON | 33-00-02 | GEARHART, ALVIN | 07/07/2000 | 21.2 | 0 | \$99,800.00 | |
| 2000 | WESTMORELAND | HOFFER SITE 65-00-02 | COAL LOADERS, INC. | 08/14/2000 | 11.8 | 13.4 | \$88,500.00 | 07/02/2003 |
| 2000 | WESTMORELAND | WHITNEY | REICHARD CONTRACTING, INC. | 03/15/2000 | 5 | 0 | \$52,500.00 | |
| 2000 | WESTMORELAND | STANISLAW 69-9-01 | SMITH, VICTOR P. | 01/31/2000 | 5 | 20 | \$90,000.00 | 07/03/2001 |
| 2000 | WESTMORELAND | HIXON SITE | SOSKO COAL COMPANY, INC. | 06/19/2000 | 4 | 4 | \$27,000.00 | 08/01/2001 |
| 2001 | CAMBRIA | VINTONDALE PROJECT | | 04/25/2001 | 18.9 | 0 | \$32,000.00 | 02/26/2003 |
| 2001 | CAMBRIA | LILLIAN NEAL PROJECT | LAUREL LAND DEVELOPMENT, INC. | 11/14/2001 | 5.7 | 0 | \$24,000.00 | |
| 2001 | CAMBRIA | VINTONDALE PROJECT | RNS SERVICES, INC. | 04/25/2001 | 18.9 | 0 | \$32,000.00 | 02/26/2003 |
| 2001 | CLARION | 16-01-01 | NEISWONGER CONSTRUCTION | 08/27/2001 | 4.6 | 4.6 | \$16,610.00 | 09/10/2003 |
| 2001 | CLEARFIELD | CUTOFF OPERATION | EJH CONTRACTING CO., INC. | 03/14/2001 | 8.3 | 8.3 | \$42,000.00 | 06/30/2004 |
| 2001 | CLEARFIELD | NEW CASTLE CHURCH | MORAVIAN RUN RECLAMATION COMPANY, INC | 06/01/2001 | 3.4 | 3.4 | \$23,000.00 | |
| 2001 | CLEARFIELD | NEW CASTLE CHURCH | MORAVIAN RUN RECLAMATION COMPANY, INC | 06/01/2001 | 3.4 | 3.4 | \$23,000.00 | |
| 2001 | FAYETTE | MAY GFCC 26-01-05 | | 12/24/2001 | 3 | 5 | \$22,500.00 | 05/07/2003 |

| | | | | | | | | |
|------|--------------|-------------------------|---|------------|------|------|--------------|------------|
| 2001 | FAYETTE | BRASHEAR 26-01-01 | CARBON FUEL RESOURCES, INC. | 06/05/2001 | 19.5 | 19.5 | \$95,000.00 | 09/11/2001 |
| 2001 | FAYETTE | BARNHART 26-01-02 | CHARLES L SWENGLISH&SONS COAL CO INC | 10/03/2001 | 1.5 | 1.5 | \$21,500.00 | 07/25/2002 |
| 2001 | FAYETTE | LERCH 26-01-03 | JOSEPH ROSTOSKY COAL COMPANY | 10/16/2001 | 6.5 | 2 | \$32,500.00 | 11/05/2002 |
| 2001 | FAYETTE | FUDALA | PATTERSON COAL CO. | 01/30/2001 | 4 | 4 | \$24,000.00 | 07/13/2001 |
| 2001 | FAYETTE | MILAN II | PATTERSON COAL CO. | 07/02/2001 | 3.5 | 3.4 | \$16,000.00 | 05/22/2002 |
| 2001 | FAYETTE | VANCER MILL-26-01-06 | PATTERSON COAL CO. | 10/02/2001 | 4 | 4.5 | \$22,500.00 | 05/07/2002 |
| 2001 | FAYETTE | WORK SITE 26-00-06 | PATTERSON COAL CO. | 04/26/2001 | 7 | 7 | \$24,700.00 | 09/17/2001 |
| 2001 | FAYETTE | DUGAN HILL 2 26-01-0 | ROBERT SPERKO | 12/05/2001 | 6 | 0 | \$22,000.00 | |
| 2001 | GREENE | RECLAMATION PHASE I | MATHER RECOVERY SYSTEM | 09/19/2001 | 35 | 0 | \$195,000.00 | |
| 2001 | JEFFERSON | 33-00-04 | REICHARD CONTRACTING, INC. | 03/01/2001 | 17 | 0 | \$97,000.00 | |
| 2001 | SOMERSET | SOLAR C PIT | TYPLEX, INC. | 03/02/2001 | 3.52 | 0 | \$46,000.00 | |
| 2001 | WESTMORELAND | SPORTSMAN'S ASSOCIAT | COAL LOADERS, INC. | 12/21/2001 | 8 | 21 | \$157,000.00 | 08/04/2003 |
| 2001 | WESTMORELAND | DELISSIO GFCC | SIMPSON COAL COMPANY | 02/05/2001 | 4.1 | 8.2 | \$24,000.00 | 02/17/2004 |
| 2002 | ALLEGHENY | ROGERS SITE 02-02-02 | THOMAS J. SMITH, INC. | 11/21/2002 | 4.3 | 0 | \$19,960.00 | |
| 2002 | CLARION | 16-02-03 | NEISWONGER CONSTRUCTION | 10/17/2002 | 1.9 | 1.9 | \$21,200.00 | 12/20/2004 |
| 2002 | CLEARFIELD | LONG RECLAMATION JOB | A. W. LONG COAL CO. | 10/02/2002 | 14.4 | 0 | \$47,520.00 | |
| 2002 | CLEARFIELD | BAUMBARGER #2 | ENERCORP, INC. | 10/18/2002 | 11.4 | 0 | \$57,000.00 | |
| 2002 | CLEARFIELD | SYLVAN GROVE | LARSON ENTERPRISES, INC. | 05/09/2002 | 18.9 | 18.9 | \$185,719.00 | 08/30/2004 |
| 2002 | CLEARFIELD | MATCO/NELSON | RAMM COAL COMPANY | 09/12/2002 | 5.8 | 5.8 | \$34,800.00 | 10/31/2004 |
| 2002 | CLEARFIELD | SNYDER #1 | WHITETAIL MINING & RECLAMATION COINC | 10/22/2002 | 19.6 | 19.6 | \$23,100.00 | 11/02/2004 |
| 2002 | FAYETTE | GRIFFIN 26-01-10 | | 09/23/2002 | 5 | 0 | \$22,500.00 | |
| 2002 | FAYETTE | BERTOVICH ST26-02-05 | | 09/13/2002 | 10 | 10 | \$30,000.00 | 01/13/2004 |
| 2002 | FAYETTE | BERTOVICH 26-02-01 | | 09/16/2002 | 5.5 | 0 | \$20,000.00 | |
| 2002 | FAYETTE | GFCC 2 26-02-07 | CHARLES L SWENGLISH&SONS COAL CO INC | 12/18/2002 | 8 | 0 | \$35,000.00 | |
| 2002 | FAYETTE | STINER 26-01-09 | PATTERSON COAL CO. | 01/08/2002 | 9 | 10 | \$25,000.00 | 01/14/2003 |
| 2002 | FAYETTE | GRIFFIN 26-01-10 | T. J. MINING, INC. | 09/23/2002 | 5 | 0 | \$22,500.00 | |
| 2002 | JEFFERSON | 33-01-06 | FALLS CREEK ENERGY CO., INC. | 12/30/2002 | 5.6 | 0 | \$79,500.00 | |

PADEP-Mineral Resources Management
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Remining Incentives Report 2004

| | | | | | | | | |
|------|--------------|---------------------|---------------------------------------|------------|-------|-----|--------------|------------|
| 2002 | TIOGA | BERGUSON OPERATION | SIGNOR BROTHERS | 04/29/2002 | 5 | 0 | \$25,000.00 | |
| 2002 | WASHINGTON | LAUFF MINE 63-01-01 | ROBINSON COAL COMPANY | 03/18/2002 | 7.6 | 7.6 | \$26,000.00 | 07/02/2003 |
| 2002 | WESTMORELAND | MARGUERITE 65-01-07 | COAL LOADERS, INC. | 11/15/2002 | 4 | 0 | \$88,711.00 | |
| 2002 | WESTMORELAND | MYERS | JOSEPH ROSTOSKY COAL COMPANY | 08/06/2002 | 5 | 0 | \$18,500.00 | |
| 2003 | BEDFORD | REED | FERLITCH CONSTRUCTION CO., INC. | 04/29/2003 | 5.7 | 0 | \$46,500.00 | |
| 2003 | CLARION | 16-03-05 | NEISWONGER CONSTRUCTION | 09/17/2003 | 15.7 | 0 | \$57,700.00 | |
| 2003 | CLARION | 16-01-02 | NEISWONGER CONSTRUCTION | 02/28/2003 | 7.3 | 0 | \$20,000.00 | |
| 2003 | CLEARFIELD | GASLINE OPERATION | LARRY D. BAUMGARDNER COAL CO., INC. | 06/12/2003 | 9 | 0 | \$42,000.00 | |
| 2003 | CLEARFIELD | WINBURNE OPERATION | LARSON ENTERPRISES, INC. | 02/11/2003 | 6.9 | 6.9 | \$44,000.00 | 01/13/2005 |
| 2003 | FAYETTE | MAY #2 26-02-08 | ALBERT E STIFFLER | 04/10/2003 | 7 | 0 | \$65,000.00 | |
| 2004 | CAMBRIA | MCFADDEN GFCC | LAUREL SAND AND STONE INC | 11/24/2004 | 15.07 | 0 | \$155,440.00 | |
| 2004 | CLARION | 16-03-04 | RFI ENERGY, INC. | 02/26/2004 | 80 | 0 | \$433,400.00 | |
| 2004 | CLEARFIELD | FLANGO PILE | GERARD J. FLANGO, JR. | 10/28/2004 | 5.4 | 0 | \$18,000.00 | |
| 2004 | CLEARFIELD | LESLIE TIPPLE #1 | JUNIOR COAL CONTRACTING, INC. | 06/17/2004 | 3 | 0 | \$21,000.00 | |
| 2004 | CLEARFIELD | LESLIE TIPPLE #2 | JUNIOR COAL CONTRACTING, INC. | 06/17/2004 | 5.4 | 0 | \$37,800.00 | |
| 2004 | CLEARFIELD | WOOTTEN | MCDOWELL EXCAVATING | 03/09/2004 | 3.7 | 0 | \$25,900.00 | |
| 2004 | CLEARFIELD | SNYDER #2 | WHITETAIL MINING & RECLAMATION CO INC | 01/29/2004 | 13.5 | 10 | \$15,000.00 | |
| 2004 | CLEARFIELD | LONGE #1 OPERATION | WHITETAIL MINING & RECLAMATION CO INC | 10/28/2004 | 6.3 | 0 | \$45,000.00 | |
| 2004 | CLINTON | SPRUCE OPERATION | CMT ENERGY, INC. | 10/28/2004 | 2.5 | 0 | \$8,500.00 | |
| 2004 | FAYETTE | MAY NO 3 26-04-03 | ALBERT E STIFFLER | 06/24/2004 | 7 | 0 | \$25,000.00 | |
| 2004 | FAYETTE | KNOX 26-03-03 | MON RIVER ENERGY CORPORATION | 05/25/2004 | 5 | 0 | \$27,500.00 | |
| 2004 | WASHINGTON | MIDWAY NO 14 | NEWGATE DEVEOPMENT CORP | 04/30/2004 | 10 | 0 | \$167,000.00 | |
| 2004 | WESTMORELAND | SHEARER 65-01-08 | ALBERT E STIFFLER | 10/06/2004 | 6.5 | 0 | \$25,000.00 | |
| 2004 | WESTMORELAND | QUINN SITE 65-04-02 | CARBON FUEL RESOURCES, INC. | 10/14/2004 | 12.7 | 0 | \$25,000.00 | |

Appendix C

Remining Operator's Assistance Program

| Year | County | Company Name | Permit # | Work Order Date | AML Surface Acres | \$ Value of Surface Rec. | AML Undergrd Acres | DEP ROAP Cost |
|------|------------|-----------------------|-----------|-----------------|-------------------|--------------------------|--------------------|---------------|
| 1997 | Clearfield | Hepburnia Coal | NPHC | 02/19/1998 | | \$0 | | \$4,680 |
| 1997 | Clearfield | Ed Hanslovan | 17980101 | 10/02/1997 | 27.7 | \$166,200 | \$0 | \$11,436 |
| 1997 | Clearfield | Sky Haven Coal | 17990101 | 08/01/1997 | 80.0 | \$480,000 | 6.2 | \$25,115 |
| 1997 | Indiana | Amerikohl Mining Inc. | 32980109 | 09/25/1997 | 1.0 | \$6,000 | 0 | \$36,304 |
| 1997 | Indiana | Amerikohl Mining Inc. | 32980105 | 09/25/1997 | 0.0 | \$0 | 1.3 | \$12,208 |
| 1997 | Indiana | Amerikohl Mining Inc. | 32980108 | 09/06/1997 | 12.7 | \$76,200 | 0 | \$23,431 |
| 1998 | Armstrong | Amerikohl Mining Inc. | 03990103 | 04/25/1998 | 4.6 | \$27,600 | 0 | \$18,670 |
| 1998 | Armstrong | Reichard Contracting | Cancelled | 03/23/1998 | | \$0 | | \$644 |
| 1998 | Armstrong | Smith, Thomas | 03990102 | 07/21/1998 | 3.6 | \$21,600 | 2.0 | \$11,126 |
| 1998 | Cambria | Smith Energy | 11980202 | 02/17/1998 | 6.5 | \$39,000 | 0 | \$7,642 |
| 1998 | Clearfield | Energy Resources | Cancelled | | | \$0 | | \$25,963 |
| 1998 | Clearfield | River Hill Coal | 17990107 | 03/11/1998 | 62.1 | \$372,600 | 26.1 | \$37,704 |
| 1998 | Clearfield | River Hill Coal | 17980124 | 07/10/1998 | 23.5 | \$141,000 | 15.6 | \$7,181 |
| 1998 | Clearfield | River Hill Coal | 17000101 | 08/19/1998 | 10.8 | \$64,800 | 24.2 | \$42,238 |
| 1998 | Clearfield | River Hill Coal | 17990102 | 10/20/1998 | 101.9 | \$611,400 | 119.6 | \$35,241 |
| 1998 | Clearfield | River Hill Coal | 17990103 | 12/02/1998 | 70.3 | \$421,800 | 10.2 | \$50,699 |
| 1998 | Fayette | Marquise Mining | Cancelled | 10/29/1998 | | \$0 | | \$1,577 |
| 1998 | Fayette | Patterson Coal | 26980102 | 04/06/1998 | 2.3 | \$13,800 | 16.1 | \$7,607 |
| 1998 | Fayette | PBS Coal | Cancelled | 08/08/1998 | | | | \$13,000 |
| 1998 | Indiana | Amerikohl Mining Inc. | Cancelled | 01/12/1998 | | \$0 | | \$6,861 |
| 1998 | Indiana | River Hill Coal | 32000108 | 09/09/1998 | not issued | | | \$78,524 |
| 1998 | Indiana | T L H Coal Company | 32990103 | 04/16/1998 | 9.4 | \$56,400 | 0 | \$11,442 |
| 1998 | Jefferson | Amerikohl Mining Inc. | 33990101 | 08/17/1998 | 23.0 | \$138,000 | 4.4 | \$9,296 |
| 1998 | Schuylkill | A C Fuels | 54980201 | 05/13/1998 | 106.0 | \$636,000 | 0 | \$14,427 |
| 1998 | Schuylkill | Gale Coal Company | 54980103 | 04/24/1998 | 186.0 | \$1,116,000 | 0 | \$11,543 |
| 1998 | Somerset | Fritz Coal | 56980110 | 03/23/1998 | 0.0 | \$0 | 27.8 | \$13,501 |
| 1998 | Somerset | Hoffman Mining | 56990101 | 04/01/1998 | 12.0 | \$72,000 | 1 | \$9,223 |
| 1998 | Washington | Robinson Coal | 63990102 | 07/22/1998 | SMP withdrawn | | | \$13,807 |
| 1999 | Armstrong | Amerikohl Mining Inc. | 03000101 | 02/23/1999 | 8.0 | \$48,000 | 4 | \$23,216 |
| 1999 | Cambria | Laurel Energy | 11990102 | 10/08/1998 | 164.6 | \$987,600 | 42.1 | \$30,934 |
| 1999 | Clearfield | Hilltop Coal Co. | 17000105 | 05/10/1999 | 8.0 | \$48,000 | 8 | \$12,590 |

| Year | County | Company Name | Permit # | Work Order Date | AML Surface Acres | \$ Value of Surface Rec. | AML Undergrd Acres | DEP ROAP Cost |
|------|--------------|-------------------------|---------------|-----------------|-------------------|--------------------------|--------------------|---------------|
| 1999 | Clearfield | Larson Enterprises | Cancelled | 03/31/1999 | | \$0 | | \$2,831 |
| 1999 | Indiana | Amerikohl Mining Inc. | 32010105 | 10/18/1999 | 5.7 | \$34,200 | | \$25,782 |
| 1999 | Indiana | Hepburnia Coal | NPHC | 02/15/1999 | | \$0 | | \$9,520 |
| 1999 | Luzerne | Hazleton Shaft | 40990101 | 12/17/1998 | 222.0 | \$1,332,000 | 0 | \$18,303 |
| 1999 | Somerset | Cooney Brothers Coal | Appli. Denied | 04/02/1999 | | \$0 | | |
| 1999 | Somerset | Hoffman Mining Inc. | 56000103 | 12/01/1999 | 10.1 | \$60,600 | 4.1 | \$14,935 |
| 1999 | Somerset | Hoffman Mining Inc. | 56000105 | 10/18/1999 | 6.0 | \$36,000 | 3 | \$25,646 |
| 1999 | Westmoreland | Smith Ralph & Son | 65990106 | 05/01/1999 | 11.5 | \$69,000 | 24.5 | \$10,579 |
| 2000 | Cambria | Hoffman Mining Inc. | 11000104 | 09/18/2000 | 40.0 | \$240,000 | 2.6 | \$12,666 |
| 2000 | Clearfield | River Hill Coal Company | 17010110 | 05/18/2000 | 40.0 | \$240,000 | 38 | \$34,914 |
| 2000 | Elk | Energy Resources Inc. | Cancelled | 09/25/2000 | | \$0 | | \$10,543 |
| 2000 | Elk | Energy Resources Inc. | 24010101 | 09/25/2000 | 30.0 | \$180,000 | 0 | \$7,491 |
| 2000 | Jefferson | Sky Haven Coal | 33010101 | 04/25/2000 | 13.9 | \$83,400 | 35.1 | \$21,201 |
| 2000 | Jefferson | Sky Haven Coal | 33010103 | 11/14/2000 | 5.4 | \$32,400 | 17.4 | \$18,206 |
| 2001 | Armstrong | T D K Coal Sales Inc. | 3010108 | 10/23/2001 | 50.0 | \$300,000 | 5 | \$14,206 |
| 2001 | Clearfield | River Hill Coal Company | 17030102 | 05/21/2001 | 57.0 | \$342,000 | 0 | \$22,842 |
| 2002 | Allegheny | Amerikohl Mining Inc. | 2020102 | 04/22/2002 | 3.0 | \$18,000 | 1 | \$12,098 |
| 2002 | Centre | River Hill Coal Co | | 08/07/2002 | SMP not submitted | | | \$31,336 |
| 2002 | Centre | River Hill Coal Co. | | 04/16/2002 | SMP not submitted | | | \$22,001 |
| 2002 | Indiana | Amerikohl Mining, Inc. | 32000101 | 08/15/2002 | 0.0 | \$0 | 2.8 | \$5,393 |
| 2002 | Jefferson | T D K Coal Sales Inc. | Reimb CO&A | 10/23/2002 | | | | \$11,762 |
| 2002 | Schuylkill | Devils Hole, Inc. | 54030201 | 01/17/2002 | 27.5 | \$165,000 | 0 | \$5,038 |
| 2002 | Somerset | Hoffman Mining | 56030103 | 11/04/2002 | 2.2 | \$13,200 | 10 | \$9,636 |
| 2002 | Somerset | Mountaineer Mining | 56030102 | 11/04/2002 | 0.8 | \$4,800 | 0 | \$8,375 |
| 2003 | Cambria | Cooney Bros. Coal | Cancelled | 03/10/2003 | | | | \$0 |
| 2003 | Fayette | Amerikohl Mining, Inc. | | 01/27/2003 | SMP not submitted | | | \$10,144 |
| 2003 | Schuylkill | Jett Contracting | 54030002 | 03/11/2003 | 116.0 | \$696,600 | 0 | \$5,994 |
| 2003 | Schuylkill | RSK Mines | Cancelled | 01/16/2003 | 1234.0 | \$7,404,000 | | \$20,260 |
| 2003 | Somerset | Berwind Coal Sales | | 04/16/2003 | SMP not submitted | | | \$15,316 |

Appendix D
Remining Financial Guarantees to Insure Reclamation Project List

| Year | County Name | Company Name | Permit Number | Bond Number | Issuance Date | \$ Value of Guarantee | AML Acres Reclaimed | Value Of Reclamation |
|------|-------------|-----------------------------------|---------------|-------------|---------------|-----------------------|---------------------|----------------------|
| 1997 | ALLEGHENY | ROBINSON COAL COMPANY | 02960101 | 4830-02-FG | 17-Jan-97 | \$65,400.00 | 0 | \$130,800.00 |
| 1997 | ALLEGHENY | ROBINSON COAL COMPANY | 02960101 | 4830-05-FG | 24-Apr-97 | \$9,900.00 | 0 | \$19,800.00 |
| 1997 | ARMSTRONG | STATE INDUSTRIES, INC. | 03950104 | 4830-09-FG | 19-May-97 | \$80,000.00 | 36 | \$281,400.00 |
| 1997 | ARMSTRONG | T D K COAL SALES, INCORPORATED | 03960103 | 4830-01-FG | 14-Jan-97 | \$79,900.00 | 0 | \$201,000.00 |
| 1997 | BEAVER | KERRY COAL COMPANY | 04940102 | 4830-04-FG | 03-Apr-97 | \$79,500.00 | 0 | \$201,000.00 |
| 1997 | BEAVER | KERRY COAL COMPANY | 04960101 | 4830-06-FG | 15-May-97 | \$79,800.00 | 32.2 | \$193,200.00 |
| 1997 | BUTLER | STATE INDUSTRIES, INC. | 10920112 | 4860-05-FG | 23-May-97 | \$80,000.00 | 17.8 | \$226,800.00 |
| 1997 | CAMBRIA | EBENSBURG POWER COMPANY | 11960202 | 4840-01-FG | 21-Apr-97 | \$28,700.00 | 0 | \$373,100.00 |
| 1997 | CENTRE | CHESTNUT RIDGE COAL CO. | 14960101 | 4820-03-FG | 12-May-97 | \$49,400.00 | 0 | \$0.00 |
| 1997 | CENTRE | POWER OPERATING CO., INC. | 14940101 | 4820-04-FG | 09-Jun-97 | \$79,900.00 | 26 | \$0.00 |
| 1997 | CLEARFIELD | LARSON ENTERPRISES, INC. | 17960120 | 4820-01-FG | 12-Feb-97 | \$20,600.00 | 0 | \$61,200.00 |
| 1997 | CLEARFIELD | LARSON ENTERPRISES, INC. | 17950115 | 4820-02-FG | 28-May-97 | \$20,100.00 | 17.3 | \$0.00 |
| 1997 | ELK | ENERGY RESOURCES, INC. | 24900103 | 4860-03-FG | 11-Apr-97 | \$60,400.00 | 26.6 | \$159,600.00 |
| 1997 | ELK | ENERGY RESOURCES, INC. | 24890101 | 4860-02-FG | 21-Feb-97 | \$33,600.00 | 7.8 | \$77,400.00 |
| 1997 | ELK | FAIRVIEW COAL COMPANY | 24930101 | 4860-09-FG | 30-Jun-97 | \$80,000.00 | 30 | \$180,000.00 |
| 1997 | ELK | TAMBURLIN BROTHERS COAL CO., INC. | 24813008 | 4860-08-FG | 25-Jun-97 | \$62,325.00 | 13.1 | \$84,750.00 |
| 1997 | FAYETTE | VANSICKLE COAL | 26970201 | 4830-03-FG | 03-Apr-97 | \$24,100.00 | 24.1 | \$313,300.00 |
| 1997 | INDIANA | FOSSIL FUEL, INC. | 32970101 | 4840-03-FG | 12-May-97 | \$42,900.00 | 54.9 | \$53,700.00 |
| 1997 | INDIANA | K.M.P. ASSOCIATES | 32950105 | 4840-04-FG | 29-May-97 | \$10,200.00 | 7.4 | \$44,400.00 |
| 1997 | INDIANA | T. L. H. COAL COMPANY | 32823066 | 4840-02-FG | 02-May-97 | \$10,200.00 | 0 | \$20,400.00 |
| 1997 | JEFFERSON | DEEMER, FRED A., JR. | 33940107 | 4860-06-FG | 27-May-97 | \$10,200.00 | 3.4 | \$20,400.00 |
| 1997 | JEFFERSON | ORIGINAL FUELS, INC. | 33890113 | 4860-01-FG | 18-Feb-97 | \$38,200.00 | 0 | \$98,400.00 |
| 1997 | JEFFERSON | ORIGINAL FUELS, INC. | 33890113 | 4860-04-FG | 12-May-97 | \$41,100.00 | 0 | \$119,400.00 |
| 1997 | SOMERSET | PBS COALS, INC. | 56960110 | 4840-05-FG | 02-Jun-97 | \$79,800.00 | 0 | \$159,600.00 |
| 1997 | VENANGO | BEN HAL MINING COMPANY | 61970101 | 4860-07-FG | 30-May-97 | \$36,000.00 | 4 | \$94,800.00 |

| Year | County Name | Company Name | Permit Number | Bond Number | Issuance Date | \$ Value of Guarantee | AML Acres Reclaimed | Value Of Reclamation |
|------|--------------|---------------------------------|---------------|-------------|---------------|-----------------------|---------------------|----------------------|
| 1997 | WASHINGTON | ROBINSON COAL COMPANY | 63940101 | 4830-08-FG | 15-May-97 | \$37,800.00 | 22 | \$108,000.00 |
| 1997 | WESTMORELAND | LMM, INC. | 65960110 | 4830-07-FG | 12-May-97 | \$29,000.00 | 0 | \$135,000.00 |
| 1997 | ALLEGHENY | PANGERSIS COAL COMPANY | 02773005 | 4830-15-FG | 16-Sep-97 | \$17,400.00 | 0 | \$34,800.00 |
| 1997 | ALLEGHENY | ROBINSON COAL COMPANY | 02970101 | 4830-18-FG | 22-Dec-97 | \$4,300.00 | 0 | \$14,400.00 |
| 1997 | ALLEGHENY | ROBINSON COAL COMPANY | 02970101 | 4830-14-FG | 09-Oct-97 | \$48,800.00 | 0 | \$121,200.00 |
| 1997 | ARMSTRONG | ALLEGHENY MINERAL CORPORATION | 03910115 | 4830-11-FG | 14-Aug-97 | \$80,000.00 | 0 | \$361,200.00 |
| 1997 | ARMSTRONG | MCKAY COAL COMPANY, INC. | 03880110 | 4830-17-FG | 22-Dec-97 | \$52,200.00 | 3.7 | \$141,000.00 |
| 1998 | BEAVER | KERRY COAL COMPANY | 04970101 | 4830-19-FG | 02-Jan-98 | \$23,400.00 | 44 | \$86,400.00 |
| 1997 | BEAVER | KERRY COAL COMPANY | 04950101 | 4830-10-FG | 24-Jul-97 | \$24,700.00 | 0 | \$54,600.00 |
| 1997 | BEAVER | KERRY COAL COMPANY | 04970101 | 4830-16-FG | 10-Oct-97 | \$56,000.00 | 44 | \$147,600.00 |
| 1998 | BUTLER | BEN HAL MINING COMPANY | 10970104 | 4860-23-FG | 23-Mar-98 | \$59,000.00 | 22 | \$140,000.00 |
| 1997 | BUTLER | ROSEBUD MINING COMPANY | 10900109 | 4860-11-FG | 06-Aug-97 | \$47,000.00 | 19.8 | \$148,200.00 |
| 1998 | BUTLER | ROSEBUD MINING COMPANY | 10900109 | 4860-22-FG | 11-Mar-98 | \$32,900.00 | 37.4 | \$105,000.00 |
| 1997 | CAMBRIA | CLOE MINING COMPANY, INC. | 11960101 | 4840-10-FG | 26-Nov-97 | \$0.00 | 0 | \$202,800.00 |
| 1997 | CAMBRIA | L & J ENERGY COMPANY, INC. | 11960104 | 4840-08-FG | 24-Jul-97 | \$65,500.00 | 0 | \$143,400.00 |
| 1998 | CAMBRIA | LAUREL LAND DEVELOPMENT, INC. | 11970106 | 4840-19-FG | 03-Jun-98 | \$56,800.00 | 10 | \$170,400.00 |
| 1998 | CAMBRIA | R.J.C. KOHL INC. | 11950103 | 4840-12-FG | 17-Feb-98 | \$21,400.00 | 7.2 | \$21,600.00 |
| 1998 | CAMBRIA | R.J.C. KOHL INC. | 11970105 | 4840-13-FG | 19-Feb-98 | \$8,800.00 | 4.8 | \$28,800.00 |
| 1998 | CENTRE | AL HAMILTON CONTRACTING COMPANY | 14820103 | 4820-25-FG | 03-Jun-98 | \$79,800.00 | 26.6 | \$159,600.00 |
| 1997 | CENTRE | BERN COAL, INC. | 14960101 | 4820-09-FG | 16-Dec-97 | \$49,400.00 | 2.1 | \$132,000.00 |
| 1998 | CLARION | MSM COAL COMPANY, INC. | 16960106 | 4860-20-FG | 17-Feb-98 | \$9,900.00 | 6.1 | \$36,600.00 |
| 1997 | CLARION | MSM COAL COMPANY, INC. | 16960106 | 4860-13-FG | 11-Sep-97 | \$400.00 | 0.4 | \$2,400.00 |
| 1997 | CLARION | MSM COAL COMPANY, INC. | 16960106 | 4860-10-FG | 24-Jul-97 | \$47,300.00 | 11.4 | \$106,200.00 |
| 1997 | CLEARFIELD | AL HAMILTON CONTRACTING COMPANY | 17930117 | 4820-05-FG | 07-Aug-97 | \$79,900.00 | 48.7 | \$167,400.00 |
| 1998 | CLEARFIELD | CLOE MINING COMPANY, INC. | 17960106 | 4820-12-FG | 04-Mar-98 | \$49,800.00 | 0 | \$102,000.00 |
| 1998 | CLEARFIELD | ENERCORP, INC. | 17663136 | 4820-22-FG | 17-Apr-98 | \$19,220.00 | 7.6 | \$84,600.00 |
| 1997 | CLEARFIELD | ENERCORP, INC. | 17970102 | 4820-08-FG | 25-Nov-97 | \$40,080.00 | 10.2 | \$159,600.00 |
| 1998 | CLEARFIELD | FORCEY COAL, INC. | 17970106 | 4820-13-FG | 11-Feb-98 | \$27,600.00 | 0 | \$64,800.00 |
| 1998 | CLEARFIELD | JUNIOR COAL CONTRACTING, INC. | 17930103 | 4820-11-FG | 08-Jan-98 | \$76,100.00 | 26.1 | \$156,600.00 |
| 1998 | CLEARFIELD | JUNIOR COAL CONTRACTING, INC. | 17900140 | 4820-16-FG | 30-Mar-98 | \$11,700.00 | 8.5 | \$51,000.00 |

| Year | County Name | Company Name | Permit Number | Bond Number | Issuance Date | \$ Value of Guarantee | AML Acres Reclaimed | Value Of Reclamation |
|------|-------------|--------------------------------------|---------------|-------------|---------------|-----------------------|---------------------|----------------------|
| 1998 | CLEARFIELD | K & J COAL CO., INC. | 17960121 | 4820-29-FG | 16-Jun-98 | \$44,600.00 | 21.8 | \$130,800.00 |
| 1997 | CLEARFIELD | LARSON ENTERPRISES, INC. | 17820181 | 4820-06-FG | 15-Sep-97 | \$13,500.00 | 6.4 | \$27,000.00 |
| 1998 | CLEARFIELD | LARSON ENTERPRISES, INC. | 17950115 | 4820-19-FG | 04-Mar-98 | \$12,600.00 | 9.8 | \$25,200.00 |
| 1997 | CLEARFIELD | LARSON ENTERPRISES, INC. | 17950115 | 4820-07-FG | 15-Sep-97 | \$12,620.00 | 7 | \$25,200.00 |
| 1998 | CLEARFIELD | LARSON ENTERPRISES, INC. | 17820181 | 4820-26-FG | 06-May-98 | \$19,000.00 | 8.3 | \$49,800.00 |
| 1998 | CLEARFIELD | MORAVIAN RUN RECLAMATION COMPANY,INC | 17980902 | 4820-28-FG | 12-May-98 | \$14,500.00 | 8.7 | \$42,600.00 |
| 1998 | CLEARFIELD | MORAVIAN RUN RECLAMATION COMPANY,INC | 17910113 | 4820-15-FG | 23-Mar-98 | \$12,900.00 | 6.9 | \$25,800.00 |
| 1998 | CLEARFIELD | R. B. CONTRACTING | 17980901 | 4820-24-FG | 27-Apr-98 | \$10,000.00 | 5.8 | \$34,800.00 |
| 1998 | CLEARFIELD | RIVER HILL COAL CO., INC.. | 17940107 | 4820-17-FG | 04-Mar-98 | \$41,500.00 | 0 | \$45,000.00 |
| 1997 | CLEARFIELD | RIVER HILL COAL CO., INC.. | 17803045 | 4820-10-FG | 23-Dec-97 | \$22,500.00 | 23.3 | \$101,400.00 |
| 1998 | CLEARFIELD | RIVER HILL COAL CO., INC.. | 17753050 | 4820-20-FG | 11-Mar-98 | \$38,100.00 | 12.7 | \$76,200.00 |
| 1998 | CLEARFIELD | RIVER HILL COAL CO., INC.. | 17940107 | 4820-18-FG | 04-Mar-98 | \$28,700.00 | 6.7 | \$40,200.00 |
| 1998 | CLEARFIELD | SKY HAVEN COAL INC. | 17970114 | 4820-27-FG | 26-May-98 | \$28,400.00 | 0 | \$74,400.00 |
| 1998 | CLEARFIELD | SKY HAVEN COAL INC. | 17803150 | 4820-23-FG | 30-Mar-98 | \$80,000.00 | 0 | \$168,000.00 |
| 1998 | CLEARFIELD | SKY HAVEN COAL INC. | 17970101 | 4820-21-FG | 31-Mar-98 | \$57,900.00 | 0 | \$153,000.00 |
| 1998 | CLEARFIELD | SWISHER CONTRACTING, INC. | 17980104 | 4820-30-FG | 25-Jun-98 | \$80,000.00 | 0 | \$222,000.00 |
| 1998 | CLEARFIELD | WAROQUIER COAL COMPANY | 17960115 | 4820-14-FG | 04-Mar-98 | \$28,500.00 | 13.9 | \$83,400.00 |
| 1997 | ELK | TAMBURLIN BROTHERS COAL CO., INC. | 24940101 | 4860-15-FG | 26-Sep-97 | \$18,000.00 | 5 | \$48,000.00 |
| 1997 | ELK | TAMBURLIN BROTHERS COAL CO., INC. | 24920101 | 4860-17-FG | 15-Dec-97 | \$58,800.00 | 0 | \$142,800.00 |
| 1998 | INDIANA | ALVERDA ENTERPRISES, INC. | 32980103 | 4840-23-FG | 17-Jun-98 | \$9,500.00 | 2.4 | \$22,200.00 |
| 1998 | INDIANA | G L R MINING, INC. | 32940102 | 4840-14-FG | 14-Jan-98 | \$16,700.00 | 8.7 | \$52,200.00 |
| 1998 | INDIANA | K.M.P. ASSOCIATES | 32950105 | 4840-17-FG | 27-Apr-98 | \$5,200.00 | 3.2 | \$19,200.00 |
| 1997 | INDIANA | K.M.P. ASSOCIATES | 32950105 | 4840-09-FG | 17-Oct-97 | \$6,000.00 | 3 | \$18,000.00 |
| 1997 | INDIANA | K.M.P. ASSOCIATES | 32940109 | 4840-06-FG | 13-Aug-97 | \$18,200.00 | 0 | \$43,200.00 |
| 1998 | INDIANA | SIMPSON COAL COMPANY | 32970107 | 4840-16-FG | 16-Mar-98 | \$10,000.00 | 5 | \$30,000.00 |
| 1998 | INDIANA | SIMPSON COAL COMPANY | 32970108 | 4840-15-FG | 09-Mar-98 | \$46,700.00 | 0 | \$144,600.00 |
| 1998 | JEFFERSON | BEVERLY HILL COAL COMPANY | 33970108 | 4860-24-FG | 07-Apr-98 | \$24,000.00 | 16.9 | \$74,400.00 |
| 1998 | JEFFERSON | MSM COAL COMPANY, INC. | 33970109 | 4860-25-FG | 18-May-98 | \$12,300.00 | 26.7 | \$46,200.00 |
| 1998 | JEFFERSON | MSM COAL COMPANY, INC. | 33970109 | 4860-18-FG | 15-Jan-98 | \$20,500.00 | 10.1 | \$60,600.00 |

| Year | County Name | Company Name | Permit Number | Bond Number | Issuance Date | \$ Value of Guarantee | AML Acres Reclaimed | Value Of Reclamation |
|------|--------------|---------------------------------|---------------|-------------|---------------|-----------------------|---------------------|----------------------|
| 1998 | JEFFERSON | MSM COAL COMPANY, INC. | 33970103 | 4860-21-FG | 09-Mar-98 | \$47,200.00 | 41.4 | \$115,200.00 |
| 1997 | JEFFERSON | STARR COAL COMPANY | 33850123 | 4860-12-FG | 06-Aug-97 | \$31,300.00 | 0 | \$63,000.00 |
| 1998 | JEFFERSON | SWISHER CONTRACTING, INC. | 33970104 | 4860-19-FG | 16-Jan-98 | \$13,900.00 | 0.9 | \$34,200.00 |
| 1998 | JEFFERSON | SWISHER CONTRACTING, INC. | 33970104 | 4860-26-FG | 22-May-98 | \$7,200.00 | 7.8 | \$18,000.00 |
| 1997 | JEFFERSON | UREY COAL COMPANY | 33950106 | 4860-14-FG | 24-Sep-97 | \$41,200.00 | 24 | \$144,000.00 |
| 1997 | JEFFERSON | YENZI, LEONARD W. | 33950102 | 4860-16-FG | 01-Dec-97 | \$22,500.00 | 1.7 | \$85,800.00 |
| 1998 | SOMERSET | FIEG BROTHERS | 56930114 | 4840-18-FG | 24-Apr-98 | \$42,000.00 | 0 | \$73,200.00 |
| 1997 | SOMERSET | HARDROCK COAL COMPANY | 56950110 | 4840-07-FG | 22-Sep-97 | \$74,800.00 | 0 | \$196,800.00 |
| 1998 | WASHINGTON | ROBINSON COAL COMPANY | 63950101 | 4830-22-FG | 03-Apr-98 | \$33,000.00 | 11 | \$66,000.00 |
| 1997 | WESTMORELAND | RALPH SMITH & SON, INC. | 65950107 | 4830-21-FG | 16-Jul-97 | \$13,050.00 | 16.7 | \$90,600.00 |
| 1998 | WESTMORELAND | RALPH SMITH & SON, INC. | 65940107 | 4830-20-FG | 08-Jan-98 | \$14,200.00 | 11 | \$38,400.00 |
| 1997 | WESTMORELAND | SOSKO COAL COMPANY, INC. | 65960111 | 4830-12-FG | 19-Aug-97 | \$26,600.00 | 0 | \$61,200.00 |
| 1997 | WESTMORELAND | V. P. SMITH COMPANY, INC. | 65970102 | 4830-13-FG | 18-Sep-97 | \$57,200.00 | 12.2 | \$196,800.00 |
| 1999 | ALLEGHENY | ROBINSON COAL COMPANY | 02970101 | 4830-30-FG | 25-Jan-99 | \$8,400.00 | 0 | \$19,800.00 |
| 1998 | ARMSTRONG | MCKAY COAL COMPANY, INC. | 03880110 | 4830-24-FG | 31-Jul-98 | \$27,800.00 | 30 | \$69,600.00 |
| 1998 | ARMSTRONG | WALTER L. HOUSER COAL CO., INC. | 03960102 | 4830-25-FG | 15-Jul-98 | \$31,200.00 | 0 | \$87,600.00 |
| 1999 | ARMSTRONG | WALTER L. HOUSER COAL CO., INC. | 03960102 | 4830-31-FG | 25-Feb-99 | \$48,800.00 | 0 | \$100,800.00 |
| 1998 | BUTLER | BEN HAL MINING COMPANY | 10970104 | 4860-32-FG | 21-Sep-98 | \$17,100.00 | 11.9 | \$71,400.00 |
| 1998 | BUTLER | BEN HAL MINING COMPANY | 10980103 | 4860-30-FG | 08-Sep-98 | \$40,200.00 | 21.6 | \$88,800.00 |
| 1999 | BUTLER | BEN HAL MINING COMPANY | 10980109 | 4860-39-FG | 04-Jun-99 | \$22,700.00 | 9.5 | \$66,600.00 |
| 1999 | BUTLER | FLEISHNER EXCAVATING | 10980110 | 4860-40-FG | 25-Jun-99 | \$23,400.00 | 14.6 | \$70,800.00 |
| 1999 | CAMBRIA | E. P. BENDER COAL CO., INC. | 11980102 | 4840-32-FG | 19-Feb-99 | \$80,000.00 | 29.2 | \$175,200.00 |
| 1998 | CAMBRIA | L & J ENERGY COMPANY, INC. | 11960104 | 4840-27-FG | 18-Sep-98 | \$14,200.00 | 0 | \$46,800.00 |
| 1999 | CAMBRIA | L & J ENERGY COMPANY, INC. | 11980101 | 4840-33-FG | 19-Mar-99 | \$0.00 | 0 | \$112,800.00 |
| 1998 | CAMBRIA | L & J ENERGY COMPANY, INC. | 11980101 | 4840-29-FG | 09-Nov-98 | \$0.00 | 0 | \$61,200.00 |
| 1998 | CAMBRIA | LAUREL LAND DEVELOPMENT, INC. | 11970106 | 4840-30-FG | 24-Nov-98 | \$7,300.00 | 0 | \$25,800.00 |
| 1998 | CAMBRIA | R.J.C. KOHL INC. | 11950103 | 4840-22-FG | 06-Jul-98 | \$39,300.00 | 14.5 | \$87,000.00 |
| 1999 | CAMBRIA | R.J.C. KOHL INC. | 11970105 | 4840-36-FG | 10-May-99 | \$44,000.00 | 4.6 | \$92,400.00 |
| 1998 | CENTRE | BERN COAL, INC. | 14960101 | 4820-34-FG | 28-Sep-98 | \$32,800.00 | 0 | \$74,400.00 |
| 1998 | CLARION | ORIGINAL FUELS, INC. | 16940105 | 4860-33-FG | 14-Oct-98 | \$45,000.00 | 0 | \$148,800.00 |
| 1999 | CLEARFIELD | ECKLUND COAL CO., INC. | 17910131 | 4820-46-FG | 04-Mar-99 | \$45,400.00 | 17 | \$0.00 |

| Year | County Name | Company Name | Permit Number | Bond Number | Issuance Date | \$ Value of Guarantee | AML Acres Reclaimed | Value Of Reclamation |
|------|-------------|---------------------------------------|---------------|-------------|---------------|-----------------------|---------------------|----------------------|
| 1999 | CLEARFIELD | ENERCORP, INC. | 17970102 | 4820-54-FG | 08-Jun-99 | \$13,800.00 | 0 | \$43,200.00 |
| 1998 | CLEARFIELD | FORCEY COAL, INC. | 17960110 | 4820-35-FG | 30-Oct-98 | \$16,300.00 | 6.3 | \$37,800.00 |
| 1998 | CLEARFIELD | JUNIOR COAL CONTRACTING, INC. | 17970118 | 4820-33-FG | 04-Sep-98 | \$46,600.00 | 18.6 | \$111,600.00 |
| 1998 | CLEARFIELD | JUNIOR COAL CONTRACTING, INC. | 17820151 | 4820-40-FG | 23-Nov-98 | \$13,700.00 | 6.3 | \$37,800.00 |
| 1999 | CLEARFIELD | JUNIOR COAL CONTRACTING, INC. | 17980110 | 4820-38-FG | 13-Apr-99 | \$39,000.00 | 0 | \$105,600.00 |
| 1998 | CLEARFIELD | K & J COAL CO., INC. | 17960121 | 4820-43-FG | 30-Dec-98 | \$14,000.00 | 7.8 | \$46,800.00 |
| 1999 | CLEARFIELD | LARRY D. BAUMGARDNER COAL CO., INC. | 17960114 | 4820-47-FG | 06-Apr-99 | \$77,300.00 | 19.9 | \$211,800.00 |
| 1999 | CLEARFIELD | LARSON ENTERPRISES, INC. | 17820181 | 4820-45-FG | 05-Jan-99 | \$34,500.00 | 10.9 | \$65,400.00 |
| 1998 | CLEARFIELD | LARSON ENTERPRISES, INC. | 17980114 | 4820-41-FG | 18-Nov-98 | \$21,100.00 | 10.9 | \$57,000.00 |
| 1999 | CLEARFIELD | LARSON ENTERPRISES, INC. | 17980114 | 4820-56-FG | 17-May-99 | \$41,100.00 | 15 | \$90,000.00 |
| 1999 | CLEARFIELD | LARSON ENTERPRISES, INC. | 17950107 | 4820-59-FG | 09-Jun-99 | \$1,500.00 | 0.7 | \$4,200.00 |
| 1998 | CLEARFIELD | LARSON ENTERPRISES, INC. | 17950115 | 4820-42-FG | 10-Nov-98 | \$16,500.00 | 5.7 | \$34,200.00 |
| 1998 | CLEARFIELD | M. R. Hainsey Contracting | 17960102 | 4820-36-FG | 22-Sep-98 | \$21,000.00 | 9.8 | \$58,800.00 |
| 1999 | CLEARFIELD | M. R. Hainsey Contracting | 17960102 | 4820-53-FG | 14-Apr-99 | \$14,400.00 | 4.8 | \$0.00 |
| 1998 | CLEARFIELD | MORAVIAN RUN RECLAMATION COMPANY, INC | 17980902 | 4820-39-FG | 20-Oct-98 | \$2,400.00 | 0 | \$4,800.00 |
| 1999 | CLEARFIELD | R. B. CONTRACTING | 17980106 | 4820-49-FG | 30-Mar-99 | \$1,200.00 | 0.4 | \$2,400.00 |
| 1999 | CLEARFIELD | R. B. CONTRACTING | 17980120 | 4820-51-FG | 11-Jun-99 | \$34,100.00 | 15.5 | \$93,000.00 |
| 1998 | CLEARFIELD | RIVER HILL COAL CO., INC.. | 17940107 | 4820-32-FG | 14-Jul-98 | \$9,600.00 | 0 | \$9,600.00 |
| 1998 | CLEARFIELD | RIVER HILL COAL CO., INC.. | 17840123 | 4820-37-FG | 09-Oct-98 | \$71,100.00 | 0 | \$142,200.00 |
| 1998 | CLEARFIELD | RIVER HILL COAL CO., INC.. | 17753050 | 4820-31-FG | 30-Oct-98 | \$41,700.00 | 13.9 | \$83,400.00 |
| 1998 | CLEARFIELD | SKY HAVEN COAL INC. | 17910109 | 4820-44-FG | 30-Dec-98 | \$29,900.00 | 0 | \$0.00 |
| 1998 | ELK | ENERGY RESOURCES, INC. | 24970103 | 4860-28-FG | 13-Aug-98 | \$80,000.00 | 35.8 | \$196,800.00 |
| 1999 | ELK | TAMBURLIN BROTHERS COAL CO., INC. | 24940101 | 4860-38-FG | 28-May-99 | \$48,900.00 | 0 | \$138,600.00 |
| 1998 | INDIANA | ALVERDA ENTERPRISES, INC. | 32980103 | 4840-28-FG | 15-Oct-98 | \$1,000.00 | 0 | \$6,000.00 |
| 1999 | INDIANA | ALVERDA ENTERPRISES, INC. | 32980103 | 4840-40-FG | 22-Jun-99 | \$3,000.00 | 0 | \$9,000.00 |
| 1998 | INDIANA | G L R MINING, INC. | 32940102 | 4840-20-FG | 13-Jul-98 | \$45,800.00 | 24.6 | \$147,600.00 |
| 1999 | INDIANA | K.M.P. ASSOCIATES | 32940109 | 4840-31-FG | 05-Mar-99 | \$11,500.00 | 0 | \$46,200.00 |
| 1998 | INDIANA | K.M.P. ASSOCIATES | 32940109 | 4840-21-FG | 08-Jul-98 | \$36,500.00 | 0 | \$64,500.00 |
| 1999 | INDIANA | K.M.P. ASSOCIATES | 32970108 | 4840-34-FG | 17-May-99 | \$46,700.00 | 11.6 | \$144,600.00 |

| Year | County Name | Company Name | Permit Number | Bond Number | Issuance Date | \$ Value of Guarantee | AML Acres Reclaimed | Value Of Reclamation |
|------|--------------|---------------------------------|---------------|-------------|---------------|-----------------------|---------------------|----------------------|
| 1999 | INDIANA | MEARS ENTERPRISES, INC. | 32970112 | 4840-35-FG | 22-Apr-99 | \$17,300.00 | 6.7 | \$40,200.00 |
| 1999 | INDIANA | SIMPSON COAL COMPANY | 32980114 | 4840-38-FG | 17-Jun-99 | \$58,100.00 | 0 | \$168,600.00 |
| 1998 | INDIANA | SKY HAVEN COAL INC. | 32980102 | 4840-26-FG | 02-Sep-98 | \$18,500.00 | 0 | \$85,800.00 |
| 1998 | INDIANA | T. L. H. COAL COMPANY | 32970105 | 4840-11-FG | 27-Oct-98 | \$65,800.00 | 0 | \$140,400.00 |
| 1998 | JEFFERSON | COOKPORT COAL CO. INC. | 33980104 | 4860-34-FG | 13-Nov-98 | \$23,000.00 | 15.6 | \$52,800.00 |
| 1998 | JEFFERSON | MAF COAL & EXCAVATION, INC. | 33960107 | 4860-29-FG | 26-Aug-98 | \$30,900.00 | 0 | \$65,400.00 |
| 1999 | JEFFERSON | MCKAY COAL COMPANY, INC. | 33990102 | 4860-37-FG | 05-May-99 | \$32,000.00 | 0 | \$81,600.00 |
| 1998 | JEFFERSON | ORIGINAL FUELS, INC. | 33970107 | 4860-31-FG | 18-Sep-98 | \$7,900.00 | 3.3 | \$19,800.00 |
| 1998 | JEFFERSON | ORIGINAL FUELS, INC. | 33970107 | 4860-35-FG | 10-Dec-98 | \$72,100.00 | 48.3 | \$289,800.00 |
| 1998 | JEFFERSON | YENZI, JOHN R., JR. | 33930112 | 4860-27-FG | 27-Jul-98 | \$4,500.00 | 0 | \$9,000.00 |
| 1998 | SOMERSET | FRITZ COAL INC | 56960101 | 4840-24-FG | 10-Aug-98 | \$0.00 | 0 | \$44,400.00 |
| 1999 | SOMERSET | FRITZ COAL INC | 56980110 | 4840-37-FG | 03-May-99 | \$80,000.00 | 30.2 | \$181,200.00 |
| 1998 | SOMERSET | ZUBEK, INC. | 56950106 | 4840-25-FG | 20-Jul-98 | \$38,100.00 | 0 | \$165,100.00 |
| 1999 | VENANGO | BEN HAL MINING COMPANY | 61980103 | 4860-36-FG | 19-Feb-99 | \$16,200.00 | 4.9 | \$38,400.00 |
| 1998 | WASHINGTON | ROBINSON COAL COMPANY | 63910103 | 4830-28-FG | 09-Nov-98 | \$2,100.00 | 0 | \$4,200.00 |
| 1999 | WESTMORELAND | RALPH SMITH & SON, INC. | 65980101 | 4830-32-FG | 22-Mar-99 | \$10,000.00 | 4 | \$25,200.00 |
| 1998 | WESTMORELAND | RALPH SMITH & SON, INC. | 65980101 | 4830-27-FG | 27-Oct-98 | \$0.00 | 0 | \$76,200.00 |
| 1998 | WESTMORELAND | V. P. SMITH COMPANY, INC. | 65980102 | 4830-29-FG | 03-Dec-98 | \$51,200.00 | 0 | \$80,400.00 |
| 1998 | WESTMORELAND | V. P. SMITH COMPANY, INC. | 65980102 | 4830-26-FG | 26-Aug-98 | \$28,800.00 | 11.5 | \$132,000.00 |
| 1999 | BUTLER | BEN HAL MINING COMPANY | 10980103 | 4860-44-FG | 28-Dec-99 | \$20,400.00 | 21.6 | \$40,800.00 |
| 1999 | BUTLER | BEN HAL MINING COMPANY | 10980109 | 4860-42-FG | 20-Aug-99 | \$14,600.00 | 22.7 | \$34,800.00 |
| 1999 | BUTLER | FLEISHNER EXCAVATING | 10980110 | 4860-47-FG | 21-Oct-99 | \$5,400.00 | 0 | \$16,800.00 |
| 2000 | CAMBRIA | LAUREL ENERGY, L.P. | 11990102 | 4840-55-FG | 03-May-00 | \$80,000.00 | 0 | \$206,400.00 |
| 1999 | CAMBRIA | LAUREL LAND DEVELOPMENT, INC. | 11980103 | 4840-39-FG | 10-Aug-99 | \$69,200.00 | 22.5 | \$152,400.00 |
| 2000 | CLEARFIELD | AL HAMILTON CONTRACTING COMPANY | 17930117 | 4820-76-FG | 01-Mar-00 | \$79,900.00 | 0 | \$176,400.00 |
| 2000 | CLEARFIELD | E. M. Brown, Inc. | 17950117 | 4820-72-FG | 06-Jan-00 | \$65,700.00 | 0 | \$149,000.00 |
| 2000 | CLEARFIELD | FORCEY COAL, INC. | 17980122 | 4820-80-FG | 13-Apr-00 | \$20,300.00 | 6.9 | \$41,400.00 |
| 1999 | CLEARFIELD | FORCEY COAL, INC. | 17980903 | 4820-60-FG | 01-Jul-99 | \$30,600.00 | 12.2 | \$73,200.00 |
| 2000 | CLEARFIELD | FORCEY COAL, INC. | 17990112 | 4820-75-FG | 23-Feb-00 | \$46,800.00 | 0 | \$111,600.00 |
| 2000 | CLEARFIELD | G & S Timber, Inc. | 17990904 | 4820-71-FG | 25-Jan-00 | \$8,600.00 | 0 | \$24,000.00 |
| 2000 | CLEARFIELD | G & S Timber, Inc. | 17990903 | 4820-70-FG | 06-Jan-00 | \$13,000.00 | 5 | \$34,800.00 |

| Year | County Name | Company Name | Permit Number | Bond Number | Issuance Date | \$ Value of Guarantee | AML Acres Reclaimed | Value Of Reclamation |
|------|-------------|---------------------------------------|---------------|-------------|---------------|-----------------------|---------------------|----------------------|
| 1999 | CLEARFIELD | JOHNSON BROTHERS COAL CO. | 17970111 | 4820-52-FG | 16-Jul-99 | \$79,800.00 | 0 | \$184,800.00 |
| 1999 | CLEARFIELD | JOHNSON BROTHERS COAL CO. | 17980125 | 4820-50-FG | 28-Jul-99 | \$11,600.00 | 0 | \$46,800.00 |
| 1999 | CLEARFIELD | JUNIOR COAL CONTRACTING, INC. | 17970118 | 4820-62-FG | 30-Sep-99 | \$2,700.00 | 0 | \$7,800.00 |
| 1999 | CLEARFIELD | JUNIOR COAL CONTRACTING, INC. | 17980117 | 4820-64-FG | 20-Sep-99 | \$40,400.00 | 0 | \$100,800.00 |
| 1999 | CLEARFIELD | JUNIOR COAL CONTRACTING, INC. | 17900140 | 4820-55-FG | 20-Dec-99 | \$8,280.00 | 3.4 | \$20,400.00 |
| 1999 | CLEARFIELD | LARRY D. BAUMGARDNER COAL CO., INC. | 17960114 | 4820-67-FG | 06-Oct-99 | \$2,700.00 | 0 | \$5,400.00 |
| 1999 | CLEARFIELD | LARRY D. BAUMGARDNER COAL CO., INC. | 17990111 | 4820-74-FG | 16-Dec-99 | \$44,000.00 | 0 | \$91,200.00 |
| 1999 | CLEARFIELD | LARSON ENTERPRISES, INC. | 17980114 | 4820-69-FG | 01-Dec-99 | \$26,400.00 | 9.2 | \$55,200.00 |
| 2000 | CLEARFIELD | LARSON ENTERPRISES, INC. | 17990121 | 4820-77-FG | 04-Apr-00 | \$48,700.00 | 5.5 | \$121,800.00 |
| 2000 | CLEARFIELD | Mark Coal | 17990124 | 4820-83-FG | 05-Jun-00 | \$15,400.00 | 0 | \$40,800.00 |
| 1999 | CLEARFIELD | MORAVIAN RUN RECLAMATION COMPANY, INC | 17980109 | 4820-65-FG | 09-Sep-99 | \$57,300.00 | 25.7 | \$154,200.00 |
| 2000 | CLEARFIELD | MORAVIAN RUN RECLAMATION COMPANY, INC | 17980109 | 4820-79-FG | 27-Mar-00 | \$22,500.00 | 7.5 | \$45,000.00 |
| 2000 | CLEARFIELD | MORAVIAN RUN RECLAMATION COMPANY, INC | 17990109 | 4820-73-FG | 10-Feb-00 | \$73,100.00 | 28.8 | \$172,800.00 |
| 1999 | CLEARFIELD | MORAVIAN RUN RECLAMATION COMPANY, INC | 17990901 | 4820-57-FG | 27-Jul-99 | \$20,600.00 | 7.8 | \$46,800.00 |
| 1999 | CLEARFIELD | R. B. CONTRACTING | 17980106 | 4820-58-FG | 23-Jul-99 | \$2,400.00 | 0.8 | \$4,800.00 |
| 1999 | CLEARFIELD | R. B. CONTRACTING | 17980106 | 4820-66-FG | 15-Sep-99 | \$2,100.00 | 0.7 | \$4,200.00 |
| 1999 | CLEARFIELD | RIVER HILL COAL CO., INC.. | 17980124 | 4820-61-FG | 18-Oct-99 | \$71,000.00 | 30 | \$180,000.00 |
| 1999 | CLEARFIELD | RIVER HILL COAL CO., INC.. | 17753050 | 4820-63-FG | 11-Aug-99 | \$45,000.00 | 15 | \$90,000.00 |
| 2000 | CLEARFIELD | SKY HAVEN COAL INC. | 17970101 | 4820-78-FG | 27-Mar-00 | \$80,000.00 | 0 | \$178,200.00 |
| 2000 | ELK | TAMBURLIN BROTHERS COAL CO., INC. | 24920101 | 4860-55-FG | 16-Jun-00 | \$7,900.00 | 0 | \$43,800.00 |
| 2000 | ELK | TAMBURLIN BROTHERS COAL CO., INC. | 24940101 | 4860-54-FG | 29-Mar-00 | \$30,000.00 | 0 | \$60,000.00 |
| 1999 | INDIANA | ALVERDA ENTERPRISES, INC. | 32980103 | 4840-46-FG | 16-Nov-99 | \$1,200.00 | 0 | \$3,600.00 |
| 1999 | INDIANA | ALVERDA ENTERPRISES, INC. | 32980112 | 4840-48-FG | 20-Dec-99 | \$7,900.00 | 0 | \$28,200.00 |
| 2000 | INDIANA | G L R MINING, INC. | 32970106 | 4840-51-FG | 15-Feb-00 | \$60,800.00 | 25.2 | \$151,200.00 |
| 2000 | INDIANA | K.M.P. ASSOCIATES | 32990110 | 4840-52-FG | 15-May-00 | \$29,600.00 | 0 | \$93,600.00 |
| 2000 | INDIANA | K.M.P. ASSOCIATES | 32970108 | 4840-50-FG | 24-Jan-00 | \$52,700.00 | 0 | \$172,200.00 |

| Year | County Name | Company Name | Permit Number | Bond Number | Issuance Date | \$ Value of Guarantee | AML Acres Reclaimed | Value Of Reclamation |
|------|--------------|---------------------------------|---------------|-------------|---------------|-----------------------|---------------------|----------------------|
| 1999 | INDIANA | K.M.P. ASSOCIATES | 32940109 | 4840-43-FG | 27-Sep-99 | \$1,300.00 | 0 | \$3,000.00 |
| 1999 | INDIANA | OPAL INDUSTRIES, INC. | 32980110 | 4840-41-FG | 26-Jul-99 | \$80,000.00 | 0 | \$177,600.00 |
| 2000 | INDIANA | SIMPSON COAL COMPANY | 32980114 | 4840-59-FG | 12-Jun-00 | \$2,100.00 | 0 | \$6,000.00 |
| 1999 | JEFFERSON | COOKPORT COAL CO. INC. | 33980104 | 4860-41-FG | 26-Aug-99 | \$23,900.00 | 8.7 | \$52,200.00 |
| 2000 | JEFFERSON | COOKPORT COAL CO. INC. | 33990113 | 4860-56-FG | 12-Apr-00 | \$72,300.00 | 60.6 | \$181,800.00 |
| 1999 | JEFFERSON | MSM COAL COMPANY, INC. | 33970109 | 4860-46-FG | 26-Oct-99 | \$46,400.00 | 21.7 | \$114,000.00 |
| 2000 | JEFFERSON | MSM COAL COMPANY, INC. | 33980109 | 4860-51-FG | 15-Feb-00 | \$56,100.00 | 22.1 | \$132,600.00 |
| 2000 | JEFFERSON | MSM COAL COMPANY, INC. | 33970103 | 4860-50-FG | 11-Feb-00 | \$9,000.00 | 3 | \$18,000.00 |
| 2000 | JEFFERSON | STRISHOCK COAL COMPANY | 33920103 | 4860-53-FG | 29-Mar-00 | \$38,400.00 | 12.8 | \$76,800.00 |
| 1999 | JEFFERSON | T. L. H. COAL COMPANY | 33990108 | 4860-43-FG | 28-Sep-99 | \$79,000.00 | 0 | \$158,400.00 |
| 2000 | JEFFERSON | YENZI, LEONARD W. | 33950102 | 4860-52-FG | 23-May-00 | \$3,300.00 | 0 | \$10,200.00 |
| 2000 | SOMERSET | DUPPSTADT COAL | 56990102 | 4840-53-FG | 17-Apr-00 | \$79,800.00 | 0 | \$153,600.00 |
| 1999 | SOMERSET | HOFFMAN MINING, INC. | 56990101 | 4840-44-FG | 22-Dec-99 | \$74,100.00 | 1.09 | \$161,400.00 |
| 1999 | SOMERSET | PBS COALS, INC. | 56880109 | 4840-45-FG | 03-Nov-99 | \$79,700.00 | 0 | \$142,800.00 |
| 2000 | VENANGO | BEN HAL MINING COMPANY | 61990102 | 4860-49-FG | 23-Feb-00 | \$8,600.00 | 1.7 | \$22,800.00 |
| 1999 | VENANGO | BEN HAL MINING COMPANY | 61980103 | 4860-45-FG | 22-Oct-99 | \$9,500.00 | 0 | \$15,000.00 |
| 2000 | VENANGO | BEN HAL MINING COMPANY | 61980103 | 4860-48-FG | 10-Jan-00 | \$16,800.00 | 0 | \$38,400.00 |
| 2000 | VENANGO | BEN HAL MINING COMPANY | 61990102 | 4860-57-FG | 06-Jun-00 | \$31,700.00 | 17 | \$90,000.00 |
| 1999 | WASHINGTON | KERRY COAL COMPANY | 63980105 | 4830-33-FG | 07-Sep-99 | \$33,700.00 | 0 | \$146,400.00 |
| 1999 | WESTMORELAND | RALPH SMITH & SON, INC. | 65980101 | 4830-34-FG | 06-Jul-99 | \$23,700.00 | 0 | \$54,600.00 |
| 2000 | WESTMORELAND | V. P. SMITH COMPANY, INC. | 65990105 | 4830-37-FG | 05-May-00 | \$35,200.00 | 0 | \$153,600.00 |
| 2001 | ALLEGHENY | ROBINSON COAL COMPANY | 02950102 | 4830-23-FG | 05-Mar-01 | \$0.00 | 8.7 | \$66,000.00 |
| 2001 | ARMSTRONG | P. AND N. COAL CO., INC. | 03000106 | 4830-43-FG | 04-Apr-01 | \$80,000.00 | 0 | \$198,000.00 |
| 2000 | ARMSTRONG | WALTER L. HOUSER COAL CO., INC. | 03990107 | 4830-39-FG | 05-Jul-00 | \$74,400.00 | 0 | \$164,400.00 |
| 2001 | ARMSTRONG | WALTER L. HOUSER COAL CO., INC. | 03980101 | 4830-38-FG | 23-Mar-01 | \$58,700.00 | 0 | \$139,800.00 |
| 2001 | BEAVER | KERRY COAL COMPANY | 04840101 | 4830-48-FG | 15-Jun-01 | \$80,000.00 | 0 | \$180,000.00 |
| 2001 | BLAIR | COONEY BROS. COAL CO. | 07000101 | 4840-79-FG | 29-Jun-01 | \$40,800.00 | 0 | \$91,200.00 |
| 2000 | BUTLER | BEN HAL MINING COMPANY | 10970104 | 4860-62-FG | 28-Nov-00 | \$36,500.00 | 25.4 | \$94,200.00 |
| 2000 | BUTLER | BEN HAL MINING COMPANY | 10990104 | 4860-58-FG | 11-Aug-00 | \$30,400.00 | 0 | \$84,000.00 |
| 2001 | BUTLER | ROSEBUD MINING COMPANY | 10890114 | 4860-65-FG | 03-Apr-01 | \$29,800.00 | 0 | \$79,200.00 |
| 2001 | CAMBRIA | HOFFMAN MINING, INC. | 11000104 | 4840-78-FG | 08-Jun-01 | \$69,400.00 | 0 | \$174,000.00 |

| Year | County Name | Company Name | Permit Number | Bond Number | Issuance Date | \$ Value of Guarantee | AML Acres Reclaimed | Value Of Reclamation |
|------|-------------|-------------------------------------|---------------|-------------|---------------|-----------------------|---------------------|----------------------|
| 2001 | CAMBRIA | L & J ENERGY COMPANY,INC. | 11980101 | 4840-75-FG | 02-Mar-01 | \$11,300.00 | 0 | \$25,800.00 |
| 2001 | CAMBRIA | LAUREL LAND DEVELOPMENT, INC. | 11980103 | 4840-73-FG | 05-Mar-01 | \$39,700.00 | 0 | \$107,400.00 |
| 2000 | CAMBRIA | LAUREL LAND DEVELOPMENT, INC. | 11970106 | 4840-54-FG | 17-Oct-00 | \$1,100.00 | 0 | \$6,600.00 |
| 2000 | CAMBRIA | LAUREL LAND DEVELOPMENT, INC. | 11980103 | 4840-58-FG | 17-Oct-00 | \$10,800.00 | 0 | \$21,600.00 |
| 2001 | CAMBRIA | LAUREL LAND DEVELOPMENT, INC. | 11970106 | 4840-65-FG | 04-Jan-01 | \$14,800.00 | 0 | \$56,400.00 |
| 2001 | CAMBRIA | T. J. MINING, INC. | 11000103 | 4840-66-FG | 15-Feb-01 | \$46,600.00 | 0 | \$99,600.00 |
| 2001 | CENTRE | RIVER HILL COAL CO., INC.. | 14960101 | 4820-105-FG | 25-Jan-01 | \$17,100.00 | 0 | \$34,200.00 |
| 2000 | CLARION | SKY HAVEN COAL INC. | 16990105 | 4860-60-FG | 22-Sep-00 | \$68,700.00 | 0 | \$205,800.00 |
| 2000 | CLEARFIELD | ENERCORP, INC. | 17970102 | 4820-87-FG | 21-Jul-00 | \$0.00 | 0 | \$2,400.00 |
| 2000 | CLEARFIELD | ENERCORP, INC. | 17970102 | 4820-94-FG | 27-Dec-00 | \$7,400.00 | 0 | \$16,800.00 |
| 2001 | CLEARFIELD | FORCEY COAL, INC. | 17000104 | 4820-107-FG | 26-Jun-01 | \$29,200.00 | 12.4 | \$74,400.00 |
| 2000 | CLEARFIELD | FORCEY COAL, INC. | 17990119 | 4820-100-FG | 12-Dec-00 | \$3,000.00 | 0 | \$6,000.00 |
| 2000 | CLEARFIELD | FORCEY COAL, INC. | 17990119 | 4820-91-FG | 20-Sep-00 | \$15,900.00 | 0 | \$31,800.00 |
| 2001 | CLEARFIELD | FORCEY COAL, INC. | 17990112 | 4820-108-FG | 23-May-01 | \$12,700.00 | 0 | \$27,000.00 |
| 2001 | CLEARFIELD | FORCEY COAL, INC. | 17970106 | 4820-106-FG | 02-Feb-01 | \$52,400.00 | 0 | \$115,200.00 |
| 2000 | CLEARFIELD | G & S Timber, Inc. | 17000106 | 4820-98-FG | 06-Dec-00 | \$15,200.00 | 5.8 | \$34,800.00 |
| 2001 | CLEARFIELD | HILLTOP COAL COMPANY | 17000105 | 4820-95-FG | 15-Feb-01 | \$20,900.00 | 7.3 | \$43,800.00 |
| 2000 | CLEARFIELD | JUNIOR COAL CONTRACTING, INC. | 17970118 | 4820-86-FG | 17-Aug-00 | \$1,100.00 | 0 | \$6,600.00 |
| 2000 | CLEARFIELD | JUNIOR COAL CONTRACTING, INC. | 17980117 | 4820-89-FG | 17-Aug-00 | \$39,600.00 | 0 | \$76,800.00 |
| 2000 | CLEARFIELD | JUNIOR COAL CONTRACTING, INC. | 17000901 | 4820-93-FG | 08-Sep-00 | \$13,100.00 | 9 | \$27,000.00 |
| 2001 | CLEARFIELD | K & J COAL CO., INC. | 17960121 | 4820-96-FG | 05-Jan-01 | \$36,700.00 | 9.4 | \$103,800.00 |
| 2000 | CLEARFIELD | LARRY D. BAUMGARDNER COAL CO., INC. | 17960114 | 4820-92-FG | 05-Sep-00 | \$46,800.00 | 18 | \$108,000.00 |
| 2000 | CLEARFIELD | LARSON ENTERPRISES, INC. | 17990121 | 4820-101-FG | 09-Nov-00 | \$6,000.00 | 0 | \$12,000.00 |
| 2000 | CLEARFIELD | SKY HAVEN COAL INC. | 17960101 | 4820-85-FG | 17-Aug-00 | \$79,800.00 | 0 | \$159,600.00 |
| 2001 | CLEARFIELD | SKY HAVEN COAL INC. | 17930117 | 4820-90-FG | 04-Jan-01 | \$0.00 | 10 | \$176,400.00 |
| 2000 | CLEARFIELD | STRISHOCK COAL COMPANY | 17860135 | 4820-88-FG | 17-Aug-00 | \$8,900.00 | 0 | \$53,400.00 |
| 2000 | CLEARFIELD | SWISHER CONTRACTING, INC. | 17990118 | 4820-84-FG | 13-Jul-00 | \$80,000.00 | 0 | \$234,000.00 |
| 2000 | CLEARFIELD | THUNDER COAL COMPANY | 17990123 | 4820-81-FG | 30-Oct-00 | \$17,400.00 | 0 | \$34,800.00 |
| 2000 | CLEARFIELD | WAROQUIER COAL COMPANY | 17990108 | 4820-99-FG | 12-Dec-00 | \$27,000.00 | 10 | \$60,000.00 |
| 2001 | FAYETTE | MARQUISE MINING CORPORATION | 26980101 | 4830-47-FG | 15-Jun-01 | \$42,800.00 | 0 | \$140,400.00 |
| 2000 | INDIANA | ALVERDA ENTERPRISES, INC. | 32980112 | 4840-67-FG | 20-Dec-00 | \$1,300.00 | 0 | \$7,800.00 |

| Year | County Name | Company Name | Permit Number | Bond Number | Issuance Date | \$ Value of Guarantee | AML Acres Reclaimed | Value Of Reclamation |
|------|--------------|--------------------------------|---------------|-------------|---------------|-----------------------|---------------------|----------------------|
| 2001 | INDIANA | BRITT ENERGIES INC | 32000102 | 4840-80-FG | 20-Jun-01 | \$70,100.00 | 32.6 | \$233,400.00 |
| 2001 | INDIANA | K.M.P. ASSOCIATES | 32970108 | 4840-74-FG | 31-May-01 | \$21,000.00 | 0 | \$45,600.00 |
| 2000 | INDIANA | KRAYNAK COAL COMPANY | 32960103 | 4840-56-FG | 21-Aug-00 | \$29,100.00 | 0 | \$66,600.00 |
| 2001 | INDIANA | KRAYNAK COAL COMPANY | 32000107 | 4840-69-FG | 02-Apr-01 | \$33,200.00 | 0 | \$87,600.00 |
| 2001 | INDIANA | KRAYNAK COAL COMPANY | 32980111 | 4840-68-FG | 10-Jan-01 | \$12,000.00 | 0 | \$24,000.00 |
| 2000 | INDIANA | KRAYNAK COAL COMPANY | 32980111 | 4840-57-FG | 17-Jul-00 | \$13,900.00 | 0 | \$51,000.00 |
| 2001 | INDIANA | KRAYNAK COAL COMPANY | 32980111 | 4840-77-FG | 07-May-01 | \$1,900.00 | 0 | \$11,400.00 |
| 2001 | INDIANA | T. L. H. COAL COMPANY | 32990103 | 4840-47-FG | 08-Mar-01 | \$63,300.00 | 0 | \$127,800.00 |
| 2000 | INDIANA | T. L. H. COAL COMPANY | 32950108 | 4840-63-FG | 19-Dec-00 | \$11,400.00 | 12 | \$22,800.00 |
| 2001 | INDIANA | WALLS, GARY C | 32990106 | 4840-70-FG | 29-Jan-01 | \$21,300.00 | 0 | \$81,000.00 |
| 2000 | INDIANA | WALLS, GARY C | 32990106 | 4840-60-FG | 20-Jul-00 | \$58,500.00 | 9.5 | \$135,000.00 |
| 2000 | JEFFERSON | BEN HAL MINING COMPANY | 33960107 | 4860-59-FG | 11-Aug-00 | \$30,900.00 | 11.9 | \$65,400.00 |
| 2001 | JEFFERSON | BEN HAL MINING COMPANY | 33960107 | 4860-63-FG | 29-Jan-01 | \$3,000.00 | 0 | \$18,000.00 |
| 2000 | JEFFERSON | STRISHOCK COAL COMPANY | 33990109 | 4860-61-FG | 18-Sep-00 | \$70,100.00 | 0 | \$148,200.00 |
| 2001 | SOMERSET | Duppstadt Coal | 56990102 | 4840-62-FG | 07-Mar-01 | \$79,800.00 | 0 | \$157,200.00 |
| 2001 | SOMERSET | Duppstadt Coal | 56890111 | 4840-61-FG | 07-Mar-01 | \$55,400.00 | 0 | \$112,800.00 |
| 2000 | SOMERSET | DUPPSTADT COAL | 56890111 | 4840-49-FG | 20-Jul-00 | \$55,400.00 | 0 | \$112,800.00 |
| 2001 | SOMERSET | HOFFMAN MINING, INC. | 56000105 | 4840-71-FG | 08-Mar-01 | \$79,900.00 | 0 | \$174,600.00 |
| 2001 | SOMERSET | Mountainside Excavating Inc | 56000104 | 4840-72-FG | 26-Mar-01 | \$72,300.00 | 0 | \$150,600.00 |
| 2001 | SOMERSET | ZUBEK, INC. | 56950106 | 4840-76-FG | 30-Mar-01 | \$1,200.00 | 0 | \$7,200.00 |
| 2001 | SULLIVAN | FALCON COAL & CONSTRUCTION CO. | 57000901 | 4820-104-FG | 16-Mar-01 | \$11,100.00 | 0 | \$66,600.00 |
| 2001 | VENANGO | BEN HAL MINING COMPANY | 61980103 | 4860-66-FG | 22-May-01 | \$4,500.00 | 0 | \$9,000.00 |
| 2001 | VENANGO | BEN HAL MINING COMPANY | 61980103 | 4860-64-FG | 29-Jan-01 | \$30,300.00 | 0 | \$58,200.00 |
| 2000 | WASHINGTON | KERRY COAL COMPANY | 63980105 | 4830-41-FG | 05-Sep-00 | \$3,900.00 | 0 | \$9,000.00 |
| 2001 | WASHINGTON | KERRY COAL COMPANY | 63980105 | 4830-46-FG | 23-Apr-01 | \$6,200.00 | 0 | \$6,200.00 |
| 2001 | WASHINGTON | RACCOON COAL COMPANY | 63860110 | 4830-44-FG | 23-Feb-01 | \$49,900.00 | 0 | \$103,800.00 |
| 2000 | WESTMORELAND | RALPH SMITH & SON, INC. | 65970901 | 4830-35-FG | 28-Nov-00 | \$39,700.00 | 0 | \$135,000.00 |
| 2001 | WESTMORELAND | REICHARD CONTRACTING, INC. | 65000201 | 4830-45-FG | 05-Apr-01 | \$20,600.00 | 0 | \$267,800.00 |
| 2000 | WESTMORELAND | V. P. SMITH COMPANY, INC. | 65000101 | 4830-42-FG | 06-Sep-00 | \$18,600.00 | 0 | \$64,800.00 |
| 2002 | ARMSTRONG | MARQUISE MINING CORPORATION | 03010103 | 4830-54-FG | 08-Jan-02 | \$54,201.00 | 0 | \$42,600.00 |
| 2001 | BEDFORD | DASH COAL CO., INC. | 05773002 | 4840-85-FG | 02-Aug-01 | \$43,600.00 | 0 | \$88,200.00 |

| Year | County Name | Company Name | Permit Number | Bond Number | Issuance Date | \$ Value of Guarantee | AML Acres Reclaimed | Value Of Reclamation |
|------|-------------|---------------------------------------|---------------|-------------|---------------|-----------------------|---------------------|----------------------|
| 2001 | BUTLER | ROSEBUD MINING COMPANY | 10890114 | 4860-67-FG | 05-Jul-01 | \$0.00 | 0 | \$100,800.00 |
| 2002 | BUTLER | T. C. MINING | 10010112 | 4860-70-FG | 25-Jun-02 | \$80,000.00 | 0 | \$220,800.00 |
| 2002 | CAMBRIA | E. P. BENDER COAL CO., INC. | 11010101 | 4840-82-FG | 09-Jan-02 | \$79,500.00 | 0 | \$161,400.00 |
| 2001 | CENTRE | RIVER HILL COAL CO., INC.. | 14000101 | 4820-111-FG | 06-Aug-01 | \$62,600.00 | 0 | \$151,200.00 |
| 2002 | CLARION | ORIGINAL FUELS, INC. | 16940105 | 4860-71-FG | 27-Jun-02 | \$35,000.00 | 0 | \$199,200.00 |
| 2001 | CLEARFIELD | A. W. LONG COAL CO. | 17714022 | 4820-103-FG | 24-Aug-01 | \$11,600.00 | 0 | \$28,800.00 |
| 2002 | CLEARFIELD | BETH CONTRACTING, INC. | 17970111 | 4820-68-FG | 08-Feb-02 | \$0.00 | 0 | \$184,800.00 |
| 2002 | CLEARFIELD | COMPASS COAL CO., INC. | 17010102 | 4820-123-FG | 12-Jun-02 | \$80,000.00 | 0 | \$80,000.00 |
| 2001 | CLEARFIELD | E. M. Brown, Inc. | 17950117 | 4820-116-FG | 25-Oct-01 | \$6,300.00 | 0 | \$18,600.00 |
| 2001 | CLEARFIELD | E. P. BENDER COAL CO., INC. | 17970105 | 4820-115-FG | 10-Oct-01 | \$68,200.00 | 0 | \$21,600.00 |
| 2001 | CLEARFIELD | ENERCORP, INC. | 17970102 | 4820-110-FG | 14-Aug-01 | \$8,100.00 | 0 | \$18,000.00 |
| 2001 | CLEARFIELD | FORCEY COAL, INC. | 17000104 | 4820-114-FG | 07-Sep-01 | \$47,000.00 | 4 | \$110,400.00 |
| 2002 | CLEARFIELD | FORCEY COAL, INC. | 17990119 | 4820-117-FG | 10-Jan-02 | \$5,400.00 | 0 | \$10,800.00 |
| 2002 | CLEARFIELD | LARRY D. BAUMGARDNER COAL CO., INC. | 17990111 | 4820-124-FG | 09-May-02 | \$35,792.00 | 0 | \$35,792.00 |
| 2001 | CLEARFIELD | LARSON ENTERPRISES, INC. | 17940123CB | 4820-119-FG | 31-Dec-01 | \$58,422.00 | 9.7 | \$58,422.00 |
| 2002 | CLEARFIELD | MORAVIAN RUN RECLAMATION COMPANY, INC | 17010113 | 4820-121-FG | 15-Mar-02 | \$80,000.00 | 0 | \$145,800.00 |
| 2001 | CLEARFIELD | R J Coal Co | 17980121 | 4820-109-FG | 27-Sep-01 | \$61,200.00 | 0 | \$122,400.00 |
| 2001 | CLEARFIELD | THUNDER COAL COMPANY | 17990123 | 4820-102-FG | 14-Dec-01 | \$9,000.00 | 0 | \$18,000.00 |
| 2001 | FAYETTE | CARBON FUEL RESOURCES, INC. | 26000201 | 4830-49-FG | 30-Jul-01 | \$68,000.00 | 0 | \$884,000.00 |
| 2001 | INDIANA | ALVERDA ENTERPRISES, INC. | 32000104 | 4840-89-FG | 26-Oct-01 | \$30,500.00 | 0 | \$16,800.00 |
| 2002 | INDIANA | ALVERDA ENTERPRISES, INC. | 32010110 | 4840-95-FG | 14-May-02 | \$31,432.00 | 0 | \$72,600.00 |
| 2002 | INDIANA | ALVERDA ENTERPRISES, INC. | 32010111 | 4840-98-FG | 23-May-02 | \$19,213.00 | 0 | \$42,600.00 |
| 2002 | INDIANA | KRAYNAK COAL COMPANY | 32980111 | 4840-92-FG | 20-Feb-02 | \$18,800.00 | 0 | \$45,600.00 |
| 2002 | INDIANA | M&S MINING INC | 32980106 | 4840-100-FG | 26-Jun-02 | \$38,831.00 | 0 | \$8,400.00 |
| 2001 | INDIANA | OPAL INDUSTRIES, INC. | 32010101 | 4840-88-FG | 07-Nov-01 | \$80,000.00 | 0 | \$177,600.00 |
| 2001 | INDIANA | T. L. H. COAL COMPANY | 32950108 | 4840-86-FG | 21-Aug-01 | \$10,200.00 | 7.2 | \$20,400.00 |
| 2002 | INDIANA | T. L. H. COAL COMPANY | 32010113 | 4840-93-FG | 30-Apr-02 | \$4,997.00 | 0 | \$1,800.00 |
| 2001 | INDIANA | WALLS, GARY C | 32990106 | 4840-81-FG | 03-Jul-01 | \$20,200.00 | 0 | \$51,600.00 |
| 2002 | INDIANA | WALTER L. HOUSER COAL CO., INC. | 32010106 | 4840-94-FG | 22-Apr-02 | \$80,000.00 | 0 | \$64,000.00 |
| 2001 | INDIANA | WALTER L. HOUSER COAL CO., INC. | 32990109 | 4840-64-FG | 16-Jul-01 | \$15,700.00 | 0 | \$51,000.00 |

| Year | County Name | Company Name | Permit Number | Bond Number | Issuance Date | \$ Value of Guarantee | AML Acres Reclaimed | Value Of Reclamation |
|------|--------------|-----------------------------|---------------|-------------|---------------|-----------------------|---------------------|----------------------|
| 2001 | JEFFERSON | T. L. H. COAL COMPANY | 33990108 | 4860-68-FG | 11-Oct-01 | \$300.00 | 0 | \$600.00 |
| 2002 | JEFFERSON | UREY COAL COMPANY | 33950106 | 4860-69-FG | 20-Feb-02 | \$18,400.00 | 0 | \$51,600.00 |
| 2001 | SCHUYLKILL | BLASCHAK COAL CORPORATION | 54683045 | 4810-01-FG | 05-Sep-01 | \$38,670.00 | 0 | \$64,200.00 |
| 2001 | SOMERSET | COONEY BROS. COAL CO. | 56000101 | 4840-87-FG | 12-Dec-01 | \$80,000.00 | 0 | \$154,800.00 |
| 2002 | SOMERSET | Dupstadt Coal | 56890111 | 4840-97-FG | 29-Apr-02 | \$24,600.00 | 0 | \$229,200.00 |
| 2001 | SOMERSET | HARDROCK COAL COMPANY | 56950110 | 4840-83-FG | 12-Oct-01 | \$5,200.00 | 0 | \$15,600.00 |
| 2002 | SOMERSET | HERITAGE MINING COMPANY | 56970104 | 4840-99-FG | 24-Jun-02 | \$61,153.00 | 0 | \$105,600.00 |
| 2001 | SOMERSET | MARQUISE MINING CORPORATION | 56980106 | 4840-84-FG | 17-Aug-01 | \$29,600.00 | 0 | \$75,600.00 |
| 2002 | SOMERSET | MARQUISE MINING CORPORATION | 56990105 | 4840-91-FG | 27-Feb-02 | \$56,300.00 | 0 | \$143,400.00 |
| 2002 | SOMERSET | Mountainside Excavating Inc | 56000104 | 4840-90-FG | 20-Mar-02 | \$7,500.00 | 0 | \$15,000.00 |
| 2001 | WASHINGTON | KERRY COAL COMPANY | 63010101 | 4830-50-FG | 27-Nov-01 | \$30,000.00 | 0 | \$86,400.00 |
| 2002 | WASHINGTON | RACCOON COAL COMPANY | 63860110 | 4830-55-FG | 01-Mar-02 | \$15,000.00 | 0 | \$0.00 |
| 2002 | WASHINGTON | RACCOON COAL COMPANY | 63860110 | 4830-53-FG | 13-Feb-02 | \$15,000.00 | 0 | \$30,000.00 |
| 2002 | WESTMORELAND | GARY GIOIA COAL COMPANY | 65990103 | 4830-40-FG | 30-Jan-02 | \$33,800.00 | 0 | \$100,800.00 |
| 2001 | WESTMORELAND | V. P. SMITH COMPANY, INC. | 65010102 | 4830-52-FG | 01-Nov-01 | \$32,900.00 | 0 | \$95,400.00 |
| 2001 | WESTMORELAND | V. P. SMITH COMPANY, INC. | 65990105 | 4830-51-FG | 19-Oct-01 | \$14,600.00 | 0 | \$63,600.00 |
| 2001 | WESTMORELAND | V. P. SMITH COMPANY, INC. | 65010102 | 4830-61-FG | 01-Nov-01 | \$36,669.00 | 0 | \$33,000.00 |
| 2002 | ARMSTRONG | ALVERDA ENTERPRISES, INC. | 03020103 | 4830-56-FG | 25-Jul-02 | \$25,000.00 | 0 | \$63,000.00 |
| 2003 | BUTLER | BEN HAL MINING COMPANY | 10020105 | 4860-75-FG | 02-Apr-03 | \$68,400.00 | 0 | \$72,000.00 |
| 2003 | CAMBRIA | ALVERDA ENTERPRISES, INC. | 11020201 | 4840-104-FG | 31-Jan-03 | \$22,500.00 | 0 | \$114,400.00 |
| 2002 | CAMBRIA | E. P. BENDER COAL CO., INC. | 11010102 | 4840-96-FG | 10-Jul-02 | \$12,300.00 | 0 | \$336,000.00 |
| 2003 | CAMBRIA | LAUREL SAND & STONE INC | 11970106 | 4840-103-FG | 06-Jan-03 | \$48,087.00 | 0 | \$274,200.00 |
| 2002 | CLEARFIELD | Bell Resources, Inc. | 17010103 | 4820-118-FG | 04-Sep-02 | \$62,900.00 | 0 | \$112,200.00 |
| 2003 | CLEARFIELD | ENERGY RESOURCES, INC. | 17930120 | 4820-127-FG | 14-Mar-03 | \$80,000.00 | 0 | \$152,696.00 |
| 2003 | CLEARFIELD | LARSON ENTERPRISES, INC. | 17010104 | 4820-125-FG | 13-Jan-03 | \$80,000.00 | 0 | \$80,000.00 |
| 2003 | ELK | ENERGY RESOURCES, INC. | 24990101 | 4860-76-FG | 05-Mar-03 | \$79,500.00 | 0 | \$31,200.00 |
| 2003 | ELK | ENERGY RESOURCES, INC. | 24010101 | 4860-74-FG | 05-Mar-03 | \$11,500.00 | 0 | \$80,000.00 |
| 2003 | INDIANA | ALVERDA ENTERPRISES, INC. | 32000104 | 4840-105-FG | 10-Jun-03 | \$14,008.00 | 0 | \$63,000.00 |
| 2003 | INDIANA | BRITT ENERGIES INC | 32020106 | 4840-108-FG | 19-Jun-03 | \$80,000.00 | 0 | \$214,574.00 |
| 2003 | INDIANA | KRAYNAK COAL COMPANY | 32000107 | 4840-107-FG | 23-Jun-03 | \$22,446.00 | 0 | \$51,000.00 |
| 2002 | JEFFERSON | COOKPORT COAL CO. INC. | 33020101 | 4860-72-FG | 01-Aug-02 | \$77,500.00 | 0 | \$246,600.00 |

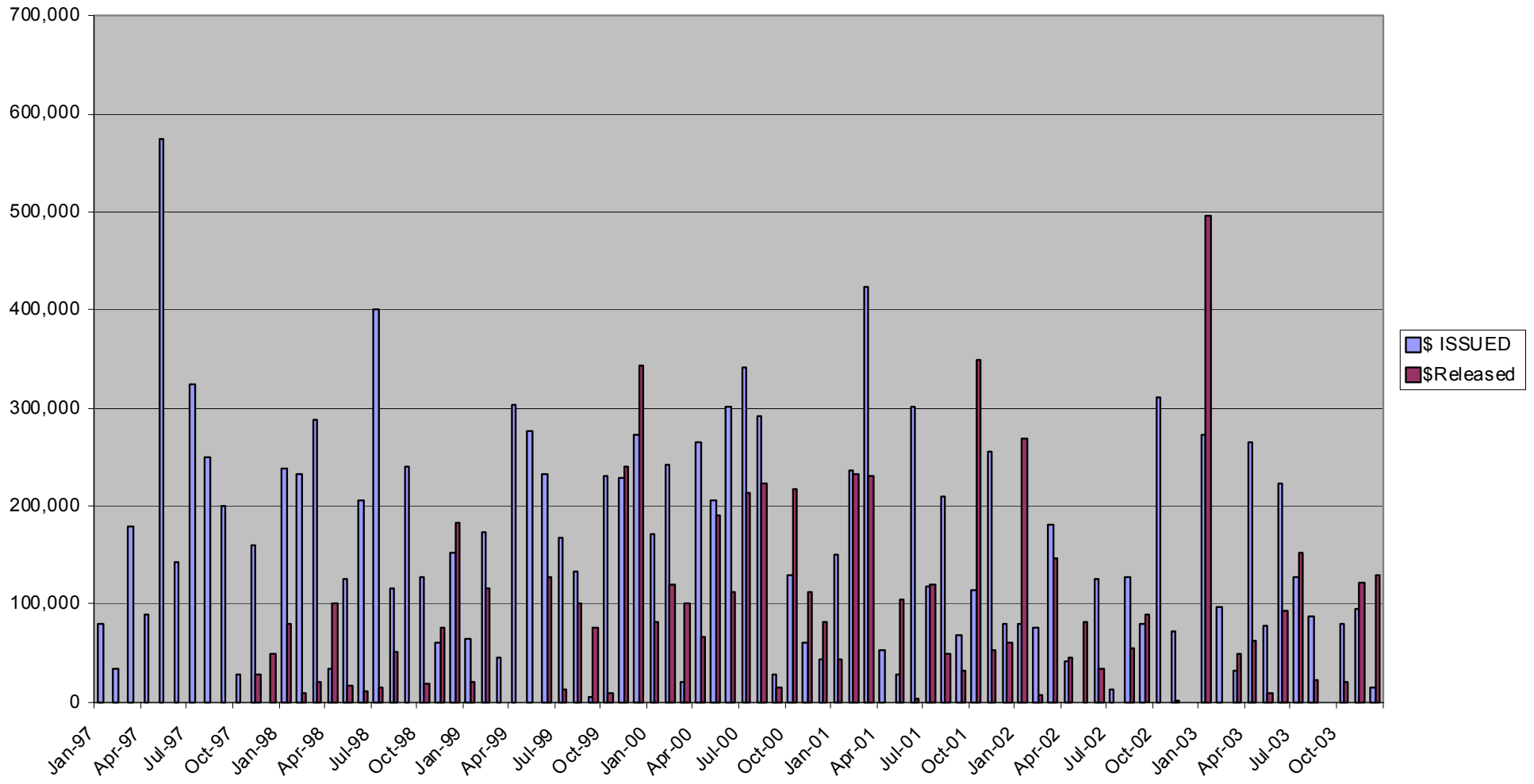
| Year | County Name | Company Name | Permit Number | Bond Number | Issuance Date | \$ Value of Guarantee | AML Acres Reclaimed | Value Of Reclamation |
|------|--------------|---------------------------------|---------------|-------------|---------------|-----------------------|---------------------|----------------------|
| 2003 | JEFFERSON | MSM COAL COMPANY, INC. | 33020106 | 4860-78-FG | 27-May-03 | \$73,400.00 | 0 | \$111,000.00 |
| 2003 | LAWRENCE | KERRY COAL COMPANY | 37020105 | 4860-77-FG | 25-Apr-03 | \$71,990.00 | 0 | \$139,800.00 |
| 2002 | LUZERNE | HAZLETON SHAFT CORPORATION | 40990101 | 4810-03-FG | 21-Nov-02 | \$6,731.00 | 0 | \$0.00 |
| 2002 | LUZERNE | ROSSI EXCAVATING COMPANY | 40020201 | 4810-02-FG | 05-Jul-02 | \$26,950.00 | 0 | \$0.00 |
| 2003 | LUZERNE | ROSSI EXCAVATING COMPANY | 40020201 | 4810-05-FG | 12-Mar-03 | \$33,051.47 | 0 | \$0.00 |
| 2003 | SCHUYLKILL | GALE COAL COMPANY, INC. | 54980103 | 4810-04-FG | 14-Feb-03 | \$11,285.00 | 0 | \$0.00 |
| 2003 | SCHUYLKILL | MOUNTAINTOP COAL MINING, INC. | 54960101 | 4810-06-FG | 19-May-03 | \$22,137.00 | 0 | \$0.00 |
| 2002 | SOMERSET | GODIN BROS., INC. | 56010104 | 4840-102-FG | 12-Dec-02 | \$80,000.00 | 0 | \$73,200.00 |
| 2002 | SOMERSET | PBS COALS, INC. | 56000104 | 4840-101-FG | 19-Aug-02 | \$79,800.00 | 0 | \$165,600.00 |
| 2003 | SOMERSET | SHERPA MINING CONTRACTORS INC | 56970104 | 4840-106-FG | 17-Jun-03 | \$61,153.00 | 0 | \$105,600.00 |
| 2002 | VENANGO | BEN HAL MINING COMPANY | 61020101 | 4860-73-FG | 21-Oct-02 | \$32,900.00 | 0 | \$40,800.00 |
| 2002 | WASHINGTON | ROBINSON COAL COMPANY | 63880102 | 4830-57-FG | 03-Sep-02 | \$13,783.00 | 0 | \$43,200.00 |
| 2002 | WESTMORELAND | MILLWOOD DEV INC | 65880106 | 4830-59-FG | 20-Oct-02 | \$67,879.89 | 0 | \$1,656,000.00 |
| 2003 | WESTMORELAND | MILLWOOD DEV INC | 65880106 | 4830-64-FG | 04-Feb-03 | \$5,396.74 | 0 | \$0.00 |
| 2002 | WESTMORELAND | MILLWOOD DEV INC | 65990104 | 4830-58-FG | 06-Sep-02 | \$46,900.00 | 0 | \$48,000.00 |
| 2003 | WESTMORELAND | RALPH SMITH & SON, INC. | 65990106 | 4830-63-FG | 19-May-03 | \$9,725.00 | 0 | \$265,200.00 |
| 2003 | WESTMORELAND | RALPH SMITH & SON, INC. | 65990106 | 4830-63-FG | 19-May-03 | \$0.00 | 0 | \$265,200.00 |
| 2002 | WESTMORELAND | V. P. SMITH COMPANY, INC. | 65010102 | 4830-60-FG | 18-Nov-02 | \$9,647.00 | 0 | \$68,400.00 |
| 2004 | ARMSTRONG | WALTER L. HOUSER COAL CO., INC. | 03980101 | 4830-71-FG | 23-Apr-04 | \$21,300.00 | 0 | \$67,200.00 |
| 2003 | ARMSTRONG | WALTER L. HOUSER COAL CO., INC. | 03020115 | 4830-68-FG | 02-Dec-03 | \$65,200.00 | 0 | \$69,000.00 |
| 2004 | BUTLER | QUALITY AGGREGATES INC. | 10030101 | 4860-82-FG | 02-Feb-04 | \$15,000.00 | 0 | \$15,000.00 |
| 2003 | CAMBRIA | AMFIRE MINING CO LLC | 11990102 | 4840-109-FG | 16-Jul-03 | \$61,970.00 | 0 | \$206,400.00 |
| 2003 | CLEARFIELD | FORCEY COAL, INC. | 17020101 | 4820-129-FG | 18-Sep-03 | \$58,934.00 | 0 | \$58,934.00 |
| 2004 | CLEARFIELD | JUNIOR COAL CONTRACTING, INC. | 17020113 | 4820-130-FG | 18-Jun-04 | \$80,000.00 | 0 | \$94,089.00 |
| 2004 | CLEARFIELD | JUNIOR COAL CONTRACTING, INC. | 17020112 | 4820-135-FG | 18-Jun-04 | \$32,700.00 | 0 | \$50,573.00 |
| 2004 | CLEARFIELD | LARSON ENTERPRISES, INC. | 17020111 | 4820-128-FG | 24-Mar-04 | \$0.00 | 0 | \$52,949.00 |
| 2004 | CLEARFIELD | Lee Coal Contracting, Inc. | 17990121 | 4820-132-FG | 23-Mar-04 | \$6,501.00 | 0 | \$6,501.00 |
| 2004 | CLEARFIELD | Lee Coal Contracting, Inc. | 17020111 | 4820-133-FG | 24-Mar-04 | \$33,636.00 | 0 | \$52,949.00 |
| 2004 | CLEARFIELD | SWISHER CONTRACTING, INC. | 17030107 | 4820-131-FG | 18-Feb-04 | \$80,000.00 | 0 | \$106,084.00 |
| 2003 | FAYETTE | CARBON FUEL RESOURCES, INC. | 26870202 | 4830-66-FG | 23-Sep-03 | \$80,000.00 | 0 | \$1,341,600.00 |
| 2004 | FAYETTE | Steve Patterson Excav | 26030102 | 4830-69-FG | 09-Feb-04 | \$39,700.00 | 0 | \$330,600.00 |

| Year | County Name | Company Name | Permit Number | Bond Number | Issuance Date | \$ Value of Guarantee | AML Acres Reclaimed | Value Of Reclamation |
|------|----------------|-------------------------------------|---------------|-------------|---------------|-----------------------|---------------------|----------------------|
| 2004 | INDIANA | ALVERDA ENTERPRISES, INC. | 32020101 | 4840-115-FG | 26-Feb-04 | \$10,786.00 | 0 | \$45,600.00 |
| 2004 | INDIANA | BRITT ENERGIES INC | 32030103 | 4840-111-FG | 28-Apr-04 | \$80,000.00 | 0 | \$285,300.00 |
| 2004 | INDIANA | FOSSIL FUEL, INC. | 32030110 | 4840-119-FG | 26-Feb-04 | \$60,287.00 | 0 | \$60,600.00 |
| 2004 | INDIANA | K.M.P. ASSOCIATES | 32020107 | 4840-118-FG | 26-Feb-04 | \$63,572.00 | 0 | \$157,200.00 |
| 2004 | INDIANA | KRAYNAK COAL COMPANY | 32020105 | 4840-122-fg | 18-Jun-04 | \$11,506.00 | 0 | \$21,600.00 |
| 2003 | INDIANA | KRAYNAK COAL COMPANY | 32000107 | 4840-110-FG | 28-Jul-03 | \$24,008.00 | 0 | \$12,000.00 |
| 2003 | INDIANA | M&S MINING INC | 32980106 | 4840-112-FG | 12-Aug-03 | \$7,015.00 | 0 | \$45,000.00 |
| 2003 | INDIANA | P. AND N. COAL CO., INC. | 32030101 | 4840-113-FG | 08-Sep-03 | \$80,000.00 | 0 | \$91,200.00 |
| 2004 | INDIANA | PAUL F. BECKER COAL COMPANY | 32030106 | 4840-117-FG | 15-Mar-04 | \$36,150.00 | 0 | \$24,600.00 |
| 2004 | INDIANA | SIMPSON COAL COMPANY | 32030107 | 4840-120-FG | 03-May-04 | \$44,321.00 | 0 | \$69,000.00 |
| 2004 | INDIANA | TWIN BROOK COAL CO. | 32030104 | 4840-124-fg | 08-Jun-04 | \$65,591.00 | 0 | \$62,400.00 |
| 2003 | INDIANA | TWIN BROOK COAL INC | 32030104 | 4840-114-FG | 06-Nov-03 | \$14,403.00 | 0 | \$15,000.00 |
| 2003 | JEFFERSON | BEN HAL MINING COMPANY | 33030103 | 4860-81-FG | 21-Nov-03 | \$6,600.00 | 1.3 | \$6,595.00 |
| 2003 | JEFFERSON | BETH CONTRACTING, INC. | 33950106 | 4860-80-FG | 02-Sep-03 | \$34,200.00 | 0 | \$34,200.00 |
| 2004 | JEFFERSON | FALLS CREEK ENERGY CO., INC. | 33950106 | 4860-85-FG | 14-Jun-04 | \$34,200.00 | 0 | \$34,200.00 |
| 2004 | JEFFERSON | LARRY D. BAUMGARDNER COAL CO., INC. | 33030104 | 4860-83-FG | 10-Mar-04 | \$24,624.00 | 0 | \$24,624.00 |
| 2003 | MERCER | BEN HAL MINING COMPANY | 43020103 | 4860-79-FG | 11-Aug-03 | \$40,470.00 | 0 | \$40,470.00 |
| 2004 | NORTHUMBERLAND | MID VALLEY COAL SALES, INC. | 49970203 | 4810-14-FG | 12-Mar-04 | \$7,631.00 | 0 | \$0.00 |
| 2004 | SCHUYLKILL | GALE MINING COMPANY | 54030102 | 4810-12-FG | 26-Feb-04 | \$20,465.00 | 5.9 | \$0.00 |
| 2004 | SCHUYLKILL | JETT CONTRACTING CO | 54850108 | 4810-13-FG | 27-May-04 | \$20,227.00 | 0 | \$0.00 |
| 2004 | SCHUYLKILL | JETT CONTRACTING CO | 54030103 | 4810-15-FG | 21-Apr-04 | \$54,042.00 | 13 | \$0.00 |
| 2004 | SCHUYLKILL | JOE KUPERAVAGE COAL CO | 54693031 | 4810-10-FG | 06-Jan-04 | \$37,463.00 | 0 | \$0.00 |
| 2003 | SCHUYLKILL | JOE KUPERAVAGE COAL CO | 54000103 | 4810-09-FG | 20-Nov-03 | \$20,002.65 | 0 | \$0.00 |
| 2004 | SCHUYLKILL | MOUNTAINTOP COAL MINING, INC. | 54960101 | 4810-11-FG | 10-Mar-04 | \$7,616.04 | 0 | \$0.00 |
| 2003 | SCHUYLKILL | SELKIRK MINING CO | 54830107 | 4810-07-FG | 25-Aug-03 | \$75,884.68 | 0 | \$0.00 |
| 2004 | SOMERSET | RITCHIE TRUCKING & EXCAVATING INC | 56950110 | 4840-116-FG | 22-Mar-04 | \$80,000.00 | 0 | \$117,000.00 |
| 2003 | WASHINGTON | MULLIGAN MINING, INC. | 63020102 | 4830-65-FG | 23-Jul-03 | \$80,000.00 | 0 | \$338,400.00 |
| 2003 | WESTMORELAND | MILLWOOD DEV INC | 65880106 | 4830-67-FG | 01-Aug-03 | \$6,661.66 | 0 | \$556,200.00 |
| 2004 | WESTMORELAND | SOSKO COAL COMPANY, INC. | 65030103 | 4830-70-FG | 07-Apr-04 | \$53,788.00 | 21.3 | \$127,800.00 |
| 2003 | WESTMORELAND | TCNC Industries | 65990103 | 4830-62-FG | 23-Sep-03 | \$0.00 | 0 | \$102,600.00 |
| 2003 | WESTMORELAND | TCNC Industries | 65990103 | 4830-62-FG | 23-Sep-03 | \$55,000.00 | 0 | \$102,600.00 |

| Year | County Name | Company Name | Permit Number | Bond Number | Issuance Date | \$ Value of Guarantee | AML Acres Reclaimed | Value Of Reclamation |
|------|-------------|-------------------------------------|---------------|-------------|---------------|-----------------------|---------------------|----------------------|
| 2004 | ARMSTRONG | ORIGINAL FUELS, INC. | 03020103 | 4830-72-FG | 08-Nov-04 | \$33,148.00 | 0 | \$63,000.00 |
| 2004 | BUTLER | ANCIENT SUN, INC. | 10010101 | 4860-90-FG | 18-Oct-04 | \$57,100.00 | 0 | \$57,100.00 |
| 2004 | BUTLER | QUALITY AGGREGATES INC. | 10030101 | 4860-89-FG | 20-Sep-04 | \$34,500.00 | 0 | \$34,500.00 |
| 2005 | CAMBRIA | E. P. BENDER COAL CO., INC. | 11010102 | 4840-138-FG | 08-Mar-05 | \$44,249.00 | 0 | \$44,249.00 |
| 2004 | CAMBRIA | EBENSBURG POWER COMPANY | 11020202 | 4840-123-FG | 07-Oct-04 | \$80,000.00 | 0 | \$184,800.00 |
| 2004 | CLARION | BEN HAL MINING COMPANY | 16040101 | 4860-91-FG | 04-Nov-04 | \$8,500.00 | 0 | \$8,500.00 |
| 2004 | CLARION | BEN HAL MINING COMPANY | 16040101 | 4860-88-FG | 24-Aug-04 | \$40,700.00 | 0 | \$40,700.00 |
| 2004 | CLARION | MILESTONE CRUSHED INC | 16040102 | 4860-93-FG | 22-Nov-04 | \$80,000.00 | 0 | \$80,000.00 |
| 2004 | CLEARFIELD | LARRY D. BAUMGARDNER COAL CO., INC. | 17030108 | 4820-138-FG | 19-Aug-04 | \$0.00 | 0 | \$204,852.00 |
| 2004 | CLEARFIELD | Northern & Son, Inc. | 17000102 | 4820-126-FG | 08-Nov-04 | \$0.00 | 0 | \$77,879.00 |
| 2004 | CLEARFIELD | RIVER HILL COAL CO., INC.. | 17990124 | 4820-140-FG | 08-Oct-04 | \$63,173.00 | 0 | \$65,865.00 |
| 2004 | CLEARFIELD | SWISHER CONTRACTING, INC. | 17030110 | 4820-139-FG | 28-Jul-04 | \$0.00 | 0 | \$99,901.00 |
| 2004 | CLEARFIELD | WAROQUIER COAL COMPANY | 17010101 | 4820-122-FG | 21-Sep-04 | \$74,117.00 | 0 | \$112,783.00 |
| 2004 | ELK | ENERGY RESOURCES, INC. | 24030102 | 4860-84-FG | 11-Aug-04 | \$68,500.00 | 0 | \$68,500.00 |
| 2004 | INDIANA | KMP ASSOC INC | 32990108 | 4840-131-FG | 06-Dec-04 | \$20,220.00 | 0 | \$20,220.00 |
| 2004 | INDIANA | KMP ASSOC INC | 32020107 | 4840-129-FG | 16-Nov-04 | \$63,572.00 | 0 | \$157,200.00 |
| 2004 | INDIANA | KMP ASSOC INC | 32940109 | 4840-130-FG | 22-Nov-04 | \$67,500.00 | 0 | \$67,500.00 |
| 2004 | INDIANA | M&S MINING INC | 32980106 | 4840-126-FG | 09-Dec-04 | \$16,445.00 | 0 | \$16,445.00 |
| 2004 | JEFFERSON | BEN HAL MINING COMPANY | 33040104 | 4860-92-FG | 22-Dec-04 | \$23,700.00 | 0 | \$23,700.00 |
| 2004 | JEFFERSON | MSM COAL COMPANY, INC. | 33020106 | 4860-86-FG | 06-Aug-04 | \$2,600.00 | 0 | \$2,600.00 |
| 2004 | JEFFERSON | ORIGINAL FUELS, INC. | 33040101 | 4860-87-FG | 31-Aug-04 | \$80,000.00 | 0 | \$80,000.00 |
| 2004 | SCHUYLKILL | CHAR-PAC COAL COMPANY | 54040101 | 4810-16-FG | 15-Sep-04 | \$56,137.00 | 0 | \$0.00 |
| 2004 | SCHUYLKILL | JOE KUPERAVAGE COAL CO | 54000103 | 4810-17-FG | 03-Sep-04 | \$29,736.00 | 0 | \$0.00 |
| 2004 | SOMERSET | ALVERDA ENTERPRISES, INC. | 56020105 | 4840-125-fg | 01-Sep-04 | \$76,200.00 | 0 | \$76,200.00 |

Financial Guarantees to Ensure Reclamation

Remining Financial guarantees Issued and Released 1997 - 2003



Appendix E Bond Credits

Years 1997 - 2003

| 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 |
| | | Totals for Completed Projects | | 30.6 | \$168,840 | 31.0 | \$217,271 |
| | | | | | | | |

Appendix F

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

