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**SURFACE MINING CONSERVATION AND RECLAMATION ACT
REMINING INCENTIVES REPORT
2006**

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

**Prepared by:
Pennsylvania Department of Environmental Protection
Office of Mineral Resources Management**



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I. Executive Summary

In accordance with the requirements of Section 4.11(b) of the Commonwealth's Surface Mining Conservation and Reclamation Act (SMCRA) regarding the Department's reclamation and remining programs, this report is submitted to the Senate Environmental Resources and Energy Committee and to the House Environmental Resources and Energy Committee. This report provides the status of the Department's reclamation and remining programs authorized under the SMCRA Sections 4.8, 4.9, 4.10, 4.12, 4.13, and 18. Information is current to December 31, 2006.

Since its inception, Pennsylvania's remining programs have been very successful. Coal mine operators using these programs have reclaimed, ~~3,190.8~~ 4,071.7 abandoned mine land (AML) acres equivalent to ~~\$20,086,020~~ \$21,461,471 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 and 266.1 acres for 2005, and 396 acres for 2006, 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, 2006, ~~447~~ 154 contracts were issued, with a total reclamation value of ~~\$4,603,439~~ \$5,037,000.

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, 2006, 30 operators requested participation in this program on 60 remining sites. Through December 31, 2006, ~~434~~ 434 projects have resulted in approved remining permits that have reclaimed ~~229~~ 187.7 acres of abandoned mine land with an approximate reclamation value of ~~\$1,126,200~~ \$1,585,774.

Under the Financial Guarantees program, the Department of Environmental Protection provides low-cost bonding of remining areas. As of December 31, 2006, ~~445~~ 141 coal mine operators used Financial Guarantees to bond ~~520469~~ mining permit increments. Those operations have reclaimed ~~2417.9~~ 2,513.5 acres of abandoned mine land, saving the Commonwealth an estimated ~~\$13,679,539~~ \$15,081,000.

The Bond Credits program also provides an incentive for operators 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. Reclamation work on Sky Haven Coal’s Maney Project, a new contract in 2006, is ahead of schedule. 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. Presently, 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. This would mean reducing the minimum amount of time bonds are held after reclamation work is complete from 5 years to 2 years; (2) continuing the remining incentives programs; and (3) continuing to identify and develop remining incentives.

**Summary of Remining Programs
1996 - 2006**

Program	Year	Number of Companies	Number of Projects	AML Acres Reclaimed as of 12/31/065	Reclamation Value of Projects Completed by 12/31/065
Government-Financed Reclamation Contracts	91-06	7145	154117	1,339.5812.9	\$5,037,000
ROAP	97-06	30	60	229187.7	\$1,585,771 \$1,126,200
Financial Guarantee	96-06	141	520	2,513.5	\$15,081,000
Bond Credits	96-06	5	6	31	\$217,271
Totals			741	3,190.84,071.7	\$21,461,471 \$20,086,020

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 ~~3,190.8~~ 4,071.7 acres of abandoned mine land. This equates to an approximate reclamation value of ~~\$20,086,020~~ \$21,461,471 (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 in progress with remining or reclamation not yet completed.

Department costs to operate the programs are minimal. 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 being 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 encourages reclamation with 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 incentives to encourage and expand remining operations.

- The Department will continue these remining incentive programs.
- The Department will continue to identify and develop incentives to encourage and expand reclamation through 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 involves contracted operations that will reclaim abandoned mine land sites at little or no cost to the public. This program was previously 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, coal removal is necessary in order to effectively and efficiently reclaim an abandoned mine land site. The value of the coal or coal refuse that must be removed to reclaim the site offsets 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 2006 showed 823 abandoned coal refuse piles, covering 9,082 acres in 36 of the 67 Pennsylvania counties. The estimated cost to reclaim these piles is over \$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, 154417 contracts have been issued. These 154417 operations have reclaimed 1,339,5842.9 acres of abandoned mine land as of December 31, 20065. The individual projects are listed in Appendix B.

The Government-Financed Reclamation Contracts program was modified in 1999 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 12/31/0 <u>54</u>	As	of
			<u>12/21/0<u>65</u></u>
Number of acres of coal refuse pile completed	<u>540,9812.9</u>	<u>1,339,5842.9</u>	
Number of projects completed	<u>6352</u>	<u>7163</u>	
Number of projects	<u>117409</u>	<u>154417</u>	

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. 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 feasible way to implement this program at this time.

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 obtaining a permit for 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, 2005, 30 operators have requested participation in this program on 60 remining sites. As of December 31, 2005, 44 projects resulted in permits. When completed, the operators will have provided 1,618 acres of surface abandoned mine reclamation and 844 acres of underground reclamation. This work has the potential for \$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 applicants canceled nine of the 60 projects. The Department cost for these nine projects totals \$93,908.~~

~~There are nine ROAP program projects in the development stage. Of these, seven 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.~~

~~Upon completion of these ROAP program projects, 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 and 2005. Operator interest in this program has been declining since 1999.~~

Between August 1996 and December 31, 2006, 31 operators applied to this program for 60 remining sites. As of December 31, 2006, 43 projects resulted in permits. When completed, these 43 operations will have provided 1,997.8 acres of surface abandoned mine land (AML) reclamation and 812.5 acres of AML underground reclamation. This work has the potential for \$11,986,800 worth of AML surface reclamation. The cost to the Department in ROAP assistance for these 43 sites was \$825,857.

The Department or the applicant cancelled 13 of the 60 projects. The Department's cost for these 13 projects totaled \$109,686. One project failed to materialize and the operator reimbursed the Department for cost and services provided by ROAP.

There are three ROAP projects that are currently under review for a surface mine permit application in the local district mining office. The cost to the Department for these 3 ROAP projects is \$67,543. The complete ROAP program projects are listed in Appendix C.

While the remaining ROAP applications are working their way through the permitting process, no additional applications have been taken into the program since 2003 because funding for the program has ceased.

Remining Operator's Assistance Program (ROAP) Overview:

	As of 12-31-04	As of 12-31-05
Reclamation value of areas completed	\$897,200	\$897,200
Estimated reclamation value after all supported sites become permits	\$28,594,200	\$28,594,200
Number of acres reclaimed	221	229
Estimated number of acres to be 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

Remining Operator's Assistance Program (ROAP) Overview:

	As of December 31, 2006
AML surface acres reclaimed	187.7
DEP's ROAP cost	\$331,009
Value of reclamation completed	\$1,126,200
Estimated total AML surface reclamation	1997.8 acres
DEP's ROAP	\$1,003,086
Estimated value of total AML surface rec.	\$11,986,800

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. During 2006, with the support of the Mining and Reclamation Advisory Board, the Department increased the amount allocated from \$800,000 to \$1,000,000. This allowed the Department to raise the maximum amount of Remining Financial Guarantees that an operator may use at any one time from \$240,000 to \$300,000 and the maximum permit limit from \$80,000 to \$100,000. This amount is adjusted~~

periodically by the Department based on premium payments made by the operators as well as 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 is not required 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.

The Department collected funds for the second forfeited mining site bonded with remining financial guarantees during 2005: Gary C. Walls, Permit No. 32990106, Green Township, Indiana County, Steinmetz Mine. More information is provided in the discussion about the Remining Financial Assurance Fund.

As of December 31, 2006, 141 coal mine operators have used Financial Guarantees 520 times. Those operators have reclaimed 2,513.5 acres of abandoned mine land. This has saved the Commonwealth an estimated \$15,081,000 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. At the end of 2006, there were \$9,589,701 Remining Financial Guarantees on surface coal mining sites in Pennsylvania.

Remining Financial Guarantees Overview:

	As of 12/31/05	As of 12-31-06
Reclamation value of abandoned mine projects	\$13,679,539	\$15,081,000
Number of acres of AML completed	2,117.9	2,513.5
Number of operators participating	115	141
Number of financial guarantees issued	469	520

E. SMCRA Section 4.13 - Reclamation Bond Credits (adjusted March 7)

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 completed five Bond Credit projects. The earned "bond credits" are either being used or are in the process of being used. During 2006 Sky Haven Coal entered into an agreement for the sixth and largest project. Sky Haven proposed to reclaim the Maney primary bond forfeiture site for a Reclamation Bond Credit value of \$335,968. This project includes ~1200 feet of highwall most of which is over 100' high. There is approximately 531,600 cubic yards of material to be moved to close this pit. The first phase (\$177,856) is/was scheduled to be completed by July 2007. The project is well ahead of schedule with the first phase expected to be completed four months early.

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 12-31-05	As of 12-31/06
Reclamation value for completed projects	\$217,271	\$217,271
Number of acres reclaimed	31	31
Number of projects completed	5	5
Number of projects in process	<u>0</u> ⁴	<u>1</u> ⁹

F. Proposed Remining Incentives

The Department is currently developing additional remining incentives that will augment the existing programs by paying for implementation of best management practices and expanded information gathering at eligible remining sites.

Eligible remining projects must contain pre-existing mine drainage discharges that will be eliminated or realize improvement through remining activities¹.

¹ Additional financial incentives for the design and construction of passive mine drainage treatment systems will be considered where remining does not eliminate pre-existing discharges and the remaining flow is amenable to passive treatment.

I. Permitting Assistance for Remining Operations

Financial assistance will be provided to defray permit application costs and the costs of implementing best management practices at eligible sites.

The permitting incentives will be modeled on the existing Small Operator Assistance Program (SOAP). The success of the Commonwealth's SOAP program is attributed to three critical elements. First, professional services agreements are issued in advance to engineering consultants, allowing contractors to begin work almost immediately after an application for assistance is approved. Second, contracts contain agreed-upon maximum unit prices for covered work tasks. And third, mine operators may select any of 14 pre-qualified consultants to perform the work. In many cases, this will be the same consultant who prepares the full mine permit application.

Professional services agreements are currently under development for delivery of remining incentives.

The remining incentives will be provided with Growing Greener 2 funds. Remining operators will be eligible for the standard SOAP assistance relating to the preparation of a mine permit application and will be eligible for additional services, which include financial assistance for implementation of best management practices at eligible remining sites. Funds will be expended to offset or reduce certain costs associated with approved best management practices including, but not limited to:

- importation of alkaline material to minimize production of acidic mine drainage
- passive treatment system design and construction,
- highwall drain design and construction,
- transportation and/or removal of coal refuse material,
- as-built professional engineer's certifications of constructed BMPs,
- elimination of pits, impoundments and other enclosed depressions to reduce infiltration and limit the production of acidic mine drainage,
- reconstructing, sealing, and re-establishing stream channels to reduce infiltration and direct flow to abandoned mine workings, and
- increased monitoring associated with establishing baseline groundwater and/or surface water quality.

As a first step in implementing the new remining incentives, the Department requested Growing Greener 2 funding for SOAP projects that include remining components. Funding these SOAP remining projects with Growing Greener 2

funds provides a financial incentive for remining operators as well as helps extend limited, available SOAP funding².

Four SOAP remining projects have been included with the current Growing Greener 2 funding request, which covers the July – December 2006 bond cycle. The estimated cost of incentives at all four sites is \$118,791.91.

II. Expansion of Government Financed Construction Contracts.

Government Financed Construction Contracts (GFCC) are agreements between mining companies and the Department to reclaim abandoned mine lands. The GFCC program authorizes incidental and necessary coal extraction, coal refuse removal, and utilization of excess spoil from an active mine for reclamation of abandoned mine lands. Under a GFCC, a portion of the cost of reclamation or abatement can be offset by the value of the coal and/or coal refuse that is removed to complete reclamation.

This proposed remining incentive would amend GFCCs to add incentives for reclamation of sites with existing pollutional discharges. Growing Greener 2 monies would be used to subsidize GFCCs where available income from on-site coal reserves is insufficient to make site reclamation economically attractive.

This remining incentive would provide for the costs of on-site approved best management practices (BMPs) designed to treat or abate mine drainage.

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)

² The federal Office of Surface Mining has notified the Department that SOAP funding will no longer be provided.

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 \$1,000,000 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 ~~\$556,535~~ \$693,290 in annual fees. 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~~ \$1,000,000 to the Financial Guarantee Special Account to act as the reserve for the Financial Guarantee Program. The Department has allocated ~~\$200,000~~ \$479,064 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. The Remining Financial Assurance Fund Oversight Committee (Committee) was directed to design the programs to be simple for Department staff to manage and to minimize the effort needed by the permittees. 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 was to ensure that the Department had properly established the programs. The audit was completed on February 11, 1999.~~

The Department collected funds for the second forfeited mining site bonded with remining financial guarantees during 2005: Gary C. Walls, Permit No. 32990106, Green Township, Indiana County, Steinmetz Mine.

The last activity at the site was in February 2003. When the conventional bond was originally calculated in August 2002, it resulted in a release of \$30,326. A subsequent release of \$7,681 was made in April 2003 as a result of a permit revision.

When the bond was forfeited in August 2004, \$51,783 in bond remained for this permit. The site is bonded with a \$10,000 letter of credit and \$41,783 in remining financial guarantees.

The remaining pit is about 100 feet long and 75 feet wide with a 50 foot highwall. The grading yardage for the pit is about 17,200 cubic yards (the bond calculation included 31,500 yards). The spoil at the site is very blocky. This will increase the grading cost beyond the \$.50 a yard that the bond was calculated at. Three pieces of equipment and various junk remains on the site. These items were not included in determining the bonding amount. Contact with the landowner has indicated his willingness to allow the equipment to remain on his property after the reclamation is completed.

The sediment ponds and haul road have been conditionally approved to remain.

Possible factors contributing to inadequate bond amount:

- Nature of spoil (very large blocks of sandstone)
- Time lag from last activity to forfeiture of reclamation
- Junk

The Department transferred \$100,000 to the Remining Financial Assurance Fund at the end of 2005 to offset the expected contracting cost to reclaim the site. Bids were opened April 13, 2006 for the contract to complete the reclamation. The low bid was \$136,050. The other bid received was in the amount of \$197,423. Earthwork was completed and this site was planted with grasses in September of 2006. The final planting is to include the planting of tree seedlings in Spring of 2007.

Appendix A

Mining and Reclamation Advisory Board

The Surface Mining Conservation and Reclamation Act, Remining Incentives Report, 1996-2006, was presented to the Mining and Reclamation Advisory Board on April 26, 2007. The Mining and Reclamation Advisory Board (MRAB) made the following recommendations to enhance incentives for remining and reclamation of abandoned and forfeited mine lands in the Commonwealth:

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Appendix B
Government-Financed Reclamation and Construction Contracts

Calendar Year	County	Company Name	Original Issuance Date	Value Of Reclamation	Acres Reclaimed
1992	ARMSTRONG	LEECHBURG PROPERTIES INC./NCC	06/29/1992	\$4,000,000.00	51.30
1993	CLEARFIELD	CLEARFIELD PROPERTIES, INC.	09/27/1993	\$500,000.00	
1994	FAYETTE	M & Y SERVICES, INC.	12/20/1994	\$97,500.00	
1995	BLAIR	M & Y SERVICES, INC.	08/25/1995	\$46,500.00	32.00
1995	CAMBRIA	RNS SERVICES, INC.	03/03/1995	\$91,000.00	32.00
1995	CAMBRIA	RNS SERVICES, INC.	06/29/1995	\$183,800.00	32.00
1995	FAYETTE	M & Y SERVICES, INC.	12/19/1995	\$192,000.00	32.00
1995	FAYETTE	M & Y SERVICES, INC.	11/27/1995	\$22,000.00	32.00
1995	FAYETTE	M & Y SERVICES, INC.	05/20/1995	\$50,000.00	32.00
1995	INDIANA	RNS SERVICES, INC.	01/13/1995	\$48,300.00	32.00
1996	CAMBRIA	SMITH ENERGY, INC.	11/14/1996	\$22,900.00	
1996	SOMERSET	PBS COALS, INC.	03/25/1996	\$46,300.00	
1997	ALLEGHENY	ACV POWER CORPORATION	09/19/1997	\$47,500.00	7.50
1997	FAYETTE	M & Y SERVICES, INC.	10/06/1997	\$48,600.00	7.50
1998	ALLEGHENY	ACV POWER CORPORATION	07/10/1998	\$186,000.00	13.60
1998	FAYETTE	M & Y SERVICES, INC.	12/11/1998	\$65,000.00	13.70
1998	FAYETTE	M & Y SERVICES, INC.	04/08/1998	\$45,600.00	19.67
1998	INDIANA	ACV POWER CORPORATION	01/29/1998	\$199,400.00	13.70
1998	INDIANA	AMERIKOHL MINING, INC.	03/05/1998	\$24,700.00	13.70
1999	ARMSTRONG	ABM MINING CO.	11/02/1999	\$19,200.00	29.80
1999	FAYETTE	CARBON FUEL RESOURCES, INC.	11/16/1999	\$121,000.00	24.80
1999	FAYETTE	CARBON FUEL RESOURCES, INC.	03/29/1999	\$50,000.00	55.80
1999	GREENE	MATHER RECOVERY SYSTEM	03/12/1999	\$25,000.00	24.80
1999	INDIANA	RNS SERVICES, INC.	09/09/1999	\$45,400.00	24.80
1999	JEFFERSON	ACV POWER CORPORATION	10/29/1999	\$81,900.00	24.80
2000	ALLEGHENY	ACV POWER CORPORATION	07/28/2000	\$49,800.00	81.70
2000	ALLEGHENY	AMERIKOHL MINING, INC.	01/28/2000	\$224,310.00	81.70
2000	ALLEGHENY	MGS GENERAL CONTRACTING INC	11/14/2000	\$10,000.00	81.70
2000	ARMSTRONG	ABM MINING CO.	08/17/2000	\$19,600.00	
2000	CLEARFIELD	ACV POWER CORPORATION	12/20/2000	\$232,000.00	
2000	FAYETTE	CARBON FUEL RESOURCES, INC.	05/02/2000	\$25,000.00	12.00

Appendix B
Government-Financed Reclamation and Construction Contracts

Calendar Year	County	Company Name	Original Issuance Date	Value Of Reclamation	Acres Reclaimed
2000	FAYETTE	PATTERSON COAL CO.	09/19/2000	\$20,000.00	
2000	FAYETTE	PATTERSON COAL CO.	03/01/2000	\$28,000.00	10.00
2000	FAYETTE	PATTERSON COAL CO.	05/16/2000	\$25,000.00	16.00
2000	FAYETTE	ROBERT SPERKO	11/28/2000	\$25,000.00	
2000	FAYETTE	T. L. HILL COAL COMPANY	03/03/2000	\$18,000.00	
2000	FAYETTE	T. L. HILL COAL COMPANY	09/07/2000	\$17,500.00	
2000	INDIANA	ACV POWER CORPORATION	07/27/2000	\$120,000.00	
2000	INDIANA	AMERIKOHL MINING, INC.	12/19/2000	\$39,820.00	17.00
2000	JEFFERSON	ACV POWER CORPORATION	07/07/2000	\$99,800.00	
2000	WESTMORELAND	COAL LOADERS, INC.	08/14/2000	\$88,500.00	
2000	WESTMORELAND	REICHARD CONTRACTING, INC.	03/15/2000	\$52,500.00	
2000	WESTMORELAND	SMITH, VICTOR P.	01/31/2000	\$90,000.00	
2000	WESTMORELAND	SOSKO COAL COMPANY, INC.	06/19/2000	\$27,000.00	
2001	CAMBRIA	LAUREL LAND DEVELOPMENT, INC.	11/14/2001	\$24,000.00	
2001	CAMBRIA	RNS SERVICES, INC.	04/25/2001	\$32,000.00	
2001	CLARION	NEISWONGER CONSTRUCTION	08/27/2001	\$16,610.00	
2001	CLEARFIELD	EJH CONTRACTING CO., INC.	03/14/2001	\$42,000.00	
2001	CLEARFIELD	MORAVIAN RUN RECLAMATION COMPANY, INC	06/01/2001	\$23,000.00	
2001	FAYETTE	May GFCC 26-01-05	12/24/2001	\$22,500.00	
2001	FAYETTE	CARBON FUEL RESOURCES, INC.	06/05/2001	\$95,000.00	
2001	FAYETTE	CHARLES L SWENGLISH&SONS COAL CO INC	10/03/2001	\$21,500.00	
2001	FAYETTE	JOSEPH ROSTOSKY COAL COMPANY	10/16/2001	\$32,500.00	40.90
2001	FAYETTE	PATTERSON COAL CO.	04/26/2001	\$24,700.00	12.00
2001	FAYETTE	PATTERSON COAL CO.	10/02/2001	\$22,500.00	
2001	FAYETTE	PATTERSON COAL CO.	07/02/2001	\$16,000.00	
2001	FAYETTE	PATTERSON COAL CO.	01/30/2001	\$24,000.00	
2001	FAYETTE	ROBERT SPERKO	12/05/2001	\$22,000.00	
2001	GREENE	MATHER RECOVERY SYSTEM	09/19/2001	\$195,000.00	
2001	JEFFERSON	REICHARD CONTRACTING, INC.	03/01/2001	\$97,000.00	6.00
2001	SOMERSET	TYPLEX, INC.	03/02/2001	\$46,000.00	
2001	WESTMORELAND	COAL LOADERS, INC.	12/21/2001	\$157,000.00	

Appendix B
Government-Financed Reclamation and Construction Contracts

Calendar Year	County	Company Name	Original Issuance Date	Value Of Reclamation	Acres Reclaimed
2001	WESTMORELAND	SIMPSON COAL COMPANY	02/05/2001	\$24,000.00	
2002	ALLEGHENY	THOMAS J. SMITH, INC.	11/21/2002	\$19,960.00	
2002	CLARION	NEISWONGER CONSTRUCTION	10/17/2002	\$21,200.00	
2002	CLEARFIELD	A. W. LONG COAL CO.	10/02/2002	\$47,520.00	
2002	CLEARFIELD	ENERCORP, INC.	10/18/2002	\$57,000.00	11.00
2002	CLEARFIELD	LARSON ENTERPRISES, INC.	05/09/2002	\$185,719.00	
2002	CLEARFIELD	RAMM Coal Company	09/12/2002	\$34,800.00	
2002	CLEARFIELD	WHITETAIL MINING & RECLAMATION COINC	10/22/2002	\$23,100.00	20.00
2002	FAYETTE	Griffen 26-01-10	09/23/2002	\$22,500.00	
2002	FAYETTE	Bertovich 26--02-01	09/16/2002	\$20,000.00	
2002	FAYETTE	Bertovich 26--02-05	09/13/2002	\$30,000.00	
2002	FAYETTE	CHARLES L SWENGLISH&SONS COAL CO INC	12/18/2002	\$35,000.00	
2002	FAYETTE	PATTERSON COAL CO.	01/08/2002	\$25,000.00	
2002	FAYETTE	T. J. MINING, INC.	09/23/2002	\$22,500.00	
2002	JEFFERSON	FALLS CREEK ENERGY CO., INC.	12/30/2002	\$79,500.00	
2002	TIOGA	SIGNOR BROTHERS	04/29/2002	\$25,000.00	
2002	WASHINGTON	ROBINSON COAL COMPANY	03/18/2002	\$26,000.00	6.00
2002	WESTMORELAND	COAL LOADERS, INC.	11/15/2002	\$88,711.00	32.00
2002	WESTMORELAND	JOSEPH ROSTOSKY COAL COMPANY	08/06/2002	\$18,500.00	5.00
2003	BEDFORD	FERLITCH CONSTRUCTION CO., INC.	04/29/2003	\$46,500.00	
2003	CLARION	NEISWONGER CONSTRUCTION	02/28/2003	\$20,000.00	
2003	CLARION	NEISWONGER CONSTRUCTION	09/17/2003	\$57,700.00	
2003	CLEARFIELD	LARRY D. BAUMGARDNER COAL CO., INC.	06/12/2003	\$42,000.00	
2003	CLEARFIELD	LARSON ENTERPRISES, INC.	02/11/2003	\$44,000.00	
2003	FAYETTE	ALBERT E STIFFLER	04/10/2003	\$65,000.00	7.00
2004	CAMBRIA	LAUREL SAND AND STONE INC	11/24/2004	\$155,440.00	
2004	CLARION	RFI ENERGY, INC.	02/26/2004	\$433,400.00	
2004	CLEARFIELD	Gerard J. Flango, Jr.	10/28/2004	\$18,000.00	
2004	CLEARFIELD	JUNIOR COAL CONTRACTING, INC.	06/17/2004	\$21,000.00	
2004	CLEARFIELD	McDowell Excavating	03/09/2004	\$25,900.00	
2004	CLEARFIELD	WHITETAIL MINING & RECLAMATION COINC	10/28/2004	\$45,000.00	

Appendix B
Government-Financed Reclamation and Construction Contracts

Calendar Year	County	Company Name	Original Issuance Date	Value Of Reclamation	Acres Reclaimed
2004	CLEARFIELD	WHITETAIL MINING & RECLAMATION COINC	01/29/2004	\$15,000.00	
2004	CLEARFIELD	WHITETAIL MINING & RECLAMATION COINC	10/28/2004	\$45,000.00	
2004	CLINTON	CMT Energy, Inc.	10/28/2004	\$8,500.00	
2004	FAYETTE	ALBERT E STIFFLER	06/24/2004	\$25,000.00	
2004	FAYETTE	MON RIVER ENERGY CORPORATION	05/25/2004	\$27,500.00	8.00
2004	INDIANA	ROBINDALE ENERGY SERVICES, INC.	03/05/2004	\$69,500.00	15.00
2004	WASHINGTON	NEWGATE DEVEOPMENT CORP	04/30/2004	\$167,000.00	10.00
2004	WESTMORELAND	ALBERT E STIFFLER	10/06/2004	\$25,000.00	7.00
2004	WESTMORELAND	CARBON FUEL RESOURCES, INC.	10/14/2004	\$25,000.00	13.00
2005		David L Patterson	01/07/2005	\$0.00	7.00
2005		PATTERSON COAL CO.	01/07/2005	\$0.00	
2005	CLARION	NEISWONGER CONSTRUCTION	02/11/2005	\$74,400.00	
2005	FAYETTE	David L Patterson	01/07/2005	\$40,000.00	
2005	FAYETTE	PATTERSON COAL CO.	05/12/2005	\$20,000.00	
2005	FAYETTE	ROBERT SPERKO	01/13/2005	\$20,000.00	4.00
2005	INDIANA	ROBINDALE ENERGY SERVICES, INC.	01/06/2005	\$84,800.00	28.00
2005	WASHINGTON	NEWGATE DEVEOPMENT CORP	01/24/2005	\$192,000.00	13.00
2004	Allegheny	Kerry Coal Co	12/9/2004		16.00
2005	Westmoreland	COAL LOADERS, INC.	2/16/2005		13.00
2005	WESTMORELAND	JOSEPH ROSTOSKY COAL COMPANY	04/27/2005		6.00
2005	FAYETTE	AMERIKOHL MINING, INC.	7/21/2005		4.00
2005	WESTMORELAND	Bedrock Mines LP	8/5/2005		21.00
2005	Clearfield	RB Contracting	8/9/2005		
2005	Westmoreland	Ablbert Stiffler	8/29/2005		13.00
2005	WESTMORELAND	COAL LOADERS, INC.	9/7/2005		11.00
2005	ALLEGHENY	NEWGATE DEVEOPMENT CORP	9/8/2005		16.00
2005	CLEARFIELD	LARSON ENTERPRISES, INC.	9/13/2005		
2005	WESTMORELAND	Albert Stiffler	09/13/2005		
2005	CLEARFIELD	Blue MTN Coal Co	10/26/2005		
2005	CLEARFIELD	Hilltop Coal Co	11/1/2005		
2005	FAYETTE	Robert P Medved	11/23/2005		

Appendix B
Government-Financed Reclamation and Construction Contracts

Calendar Year	County	Company Name	Original Issuance Date	Value Of Reclamation	Acres Reclaimed
2005	INDIANA	Beth Contracting Inc	11/30/2005		7
2006	ARMSTRONG	J & J Snyder Inc	1/3/2006		3
2006	FAYETTE	Fayette Coal & Coke LLC	2/5/2006		
2006	FAYETTE	MON RIVER ENERGY CORPORATION	2/22/2006		5
2006	FAYETTE	AMERIKOHL MINING, INC.	2/24/2006		8
2006	FAYETTE	Fayette Coal & Coke LLC	3/21/2006		
2006	Centre	CMT Energy, Inc.	5/9/2006		
2006	CLEARFIELD	Finney Enterprises Inc	5/9/2006		
2006	CLEARFIELD	LARSON ENTERPRISES, INC.	5/9/2006		
2006	FAYETTE	MON RIVER ENERGY CORPORATION	5/18/2006		
2006	FAYETTE	PATTERSON COAL CO.	6/8/2006		22
2006	Butler	Dennis Tiche	6/14/2006		5
2006	CLEARFIELD	WHITETAIL MINING & RECLAMATION COINC	6/21/2006		
2006	INDIANA	TLH Coal Co	6/22/2006		2
2006	INDIANA	Alverda Enterprises Inc	6/26/2006		
2006	Centre	Lee Coal Contracting Inc	7/7/2006		
2006	FAYETTE	PATTERSON COAL CO.	7/10/2006		2
2006	WESTMORELAND	Albert Stiffler	7/7/2006		9
2006	CLEARFIELD	Rob Holland Enterprises	8/2/2006		
2006	FAYETTE	MON RIVER ENERGY CORPORATION	8/11/2006		8
2006	CLEARFIELD	Sky Haven Coal Inc	8/23/2006		
2006	FAYETTE	CHARLES L SWENGLISH&SONS COAL CO INC	8/28/2006		12
2006	WESTMORELAND	Gallo Contracting	9/14/2006		7
2006	FAYETTE	David L Patterson	9/20/2006		14
2006	WASHINGTON	Quality Aggregates Inc	9/20/2006		19
2006	CLEARFIELD	Hilltop Coal Co	10/5/2006		
2006	CLEARFIELD	LARSON ENTERPRISES, INC.	11/7/2006		
2006	FAYETTE	MON RIVER ENERGY CORPORATION	11/15/2006		14
2006	ALLEGHENY	Kerry Coal Co	12/7/2006		8
2006	CLEARFIELD	Bell Resources Inc	12/7/2006		

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

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
1999	Clearfield	Hilltop Coal Co.	17000105	05/10/1999	8.0	\$48,000	8	\$12,590
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	14040103	08/07/2002	SMP pending			\$31,336
2002	Centre	River Hill Coal Co.	14040101	04/16/2002	SMP pending			\$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.	26040102	01/27/2003	SMP pending			\$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	17040105	04/16/2003	6.7	\$159,771	1.4	\$15,316

Appendix D
Remining Financial Guarantees to Insure Reclamation Project List

Year	County Name	Company Name	Permit	FG Number	Issuance Date	\$ Value of F G	Reclaimed AML Acres
1997	ALLEGHENY	PANGERSIS COAL COMPANY	02773005	4830-15-FG	16-Sep-97	\$17,400.00	
1997	ALLEGHENY	ROBINSON COAL COMPANY	02960101	4830-02-FG	17-Jan-97	\$65,400.00	
1997	ALLEGHENY	ROBINSON COAL COMPANY	02960101	4830-05-FG	24-Apr-97	\$9,900.00	
1997	ALLEGHENY	ROBINSON COAL COMPANY	02970101	4830-18-FG	22-Dec-97	\$4,300.00	
1997	ALLEGHENY	ROBINSON COAL COMPANY	02970101	4830-14-FG	09-Oct-97	\$48,800.00	
1997	ARMSTRONG	ALLEGHENY MINERAL CORPORATION	03910115	4830-11-FG	14-Aug-97	\$80,000.00	
1997	ARMSTRONG	MCKAY COAL COMPANY, INC.	03880110	4830-17-FG	22-Dec-97	\$52,200.00	3.7
1997	ARMSTRONG	STATE INDUSTRIES, INC.	03950104	4830-09-FG	19-May-97	\$80,000.00	36.0
1997	BEAVER	KERRY COAL COMPANY	04940102	4830-04-FG	03-Apr-97	\$79,500.00	
1997	BEAVER	KERRY COAL COMPANY	04950101	4830-10-FG	24-Jul-97	\$24,700.00	
1997	BEAVER	KERRY COAL COMPANY	04960101	4830-06-FG	15-May-97	\$79,800.00	32.2
1997	BEAVER	KERRY COAL COMPANY	04970101	4830-16-FG	10-Oct-97	\$56,000.00	44.0
1997	BUTLER	ROSEBUD MINING COMPANY	10900109	4860-11-FG	06-Aug-97	\$47,000.00	19.8
1997	BUTLER	STATE INDUSTRIES, INC.	10920112	4860-05-FG	23-May-97	\$80,000.00	17.8
1997	CAMBRIA	CLOE MINING COMPANY, INC.	11960101	4840-10-FG	26-Nov-97	\$0.00	16.0
1997	CAMBRIA	EBENSBURG POWER COMPANY	11960202	4840-01-FG	21-Apr-97	\$28,700.00	
1997	CAMBRIA	L & J ENERGY COMPANY, INC.	11960104	4840-08-FG	24-Jul-97	\$65,500.00	
1997	CENTRE	BERN COAL, INC.	14960101	4820-09-FG	16-Dec-97	\$49,400.00	2.1
1997	CENTRE	CHESTNUT RIDGE COAL CO.	14960101	4820-03-FG	12-May-97	\$49,400.00	
1997	CENTRE	POWER OPERATING CO., INC.	14940101	4820-04-FG	09-Jun-97	\$79,900.00	26.0
1997	CLARION	MSM COAL COMPANY, INC.	16960106	4860-13-FG	11-Sep-97	\$400.00	0.4
1997	CLARION	MSM COAL COMPANY, INC.	16960106	4860-10-FG	24-Jul-97	\$47,300.00	11.4
1997	CLEARFIELD	AL HAMILTON CONTRACTING COMPANY	17930117	4820-05-FG	07-Aug-97	\$79,900.00	48.7
1997	CLEARFIELD	ENERCORP, INC.	17970102	4820-08-FG	25-Nov-97	\$40,080.00	10.2
1997	CLEARFIELD	K & J COAL CO., INC.	17960121	4820-96-FG	17-Jan-97	\$65,400.00	
1997	CLEARFIELD	LARSON ENTERPRISES, INC.	17820181	4820-06-FG	15-Sep-97	\$13,500.00	6.4
1997	CLEARFIELD	LARSON ENTERPRISES, INC.	17950115	4820-02-FG	28-May-97	\$20,100.00	17.3
1997	CLEARFIELD	LARSON ENTERPRISES, INC.	17950115	4820-07-FG	15-Sep-97	\$12,620.00	7.0

Appendix D
Remining Financial Guarantees to Insure Reclamation Project List

Year	County Name	Company Name	Permit	FG Number	Issuance Date	\$ Value of F G	Reclaimed AML Acres
1997	CLEARFIELD	LARSON ENTERPRISES, INC.	17960120	4820-01-FG	12-Feb-97	\$20,600.00	
1997	CLEARFIELD	MORAVIAN RUN RECLAMATION COMPANY, INC	17990109	4820-73-FG	14-Jan-97	\$79,900.00	
1997	CLEARFIELD	RIVER HILL COAL CO., INC..	17803045	4820-10-FG	23-Dec-97	\$22,500.00	23.3
1997	ELK	ENERGY RESOURCES, INC.	24890101	4860-02-FG	21-Feb-97	\$33,600.00	7.8
1997	ELK	ENERGY RESOURCES, INC.	24900103	4860-03-FG	11-Apr-97	\$60,400.00	26.6
1997	ELK	FAIRVIEW COAL COMPANY	24930101	4860-09-FG	30-Jun-97	\$80,000.00	30.0
1997	ELK	TAMBURLIN BROTHERS COAL CO., INC.	24813008	4860-08-FG	25-Jun-97	\$62,325.00	13.1
1997	ELK	TAMBURLIN BROTHERS COAL CO., INC.	24920101	4860-17-FG	15-Dec-97	\$58,800.00	
1997	ELK	TAMBURLIN BROTHERS COAL CO., INC.	24940101	4860-15-FG	26-Sep-97	\$18,000.00	5.0
1997	FAYETTE	VANSICKLE COAL	26970201	4830-03-FG	03-Apr-97	\$24,100.00	24.1
1997	INDIANA	FOSSIL FUEL, INC.	32970101	4840-03-FG	12-May-97	\$42,900.00	54.9
1997	INDIANA	K.M.P. ASSOCIATES	32940109	4840-06-FG	13-Aug-97	\$18,200.00	
1997	INDIANA	K.M.P. ASSOCIATES	32950105	4840-04-FG	29-May-97	\$10,200.00	7.4
1997	INDIANA	K.M.P. ASSOCIATES	32950105	4840-09-FG	17-Oct-97	\$6,000.00	3.0
1997	INDIANA	T. L. H. COAL COMPANY	32823066	4840-02-FG	02-May-97	\$10,200.00	
1997	JEFFERSON	DEEMER, FRED A., JR.	33940107	4860-06-FG	27-May-97	\$10,200.00	3.4
1997	JEFFERSON	ORIGINAL FUELS, INC.	33890113	4860-01-FG	18-Feb-97	\$38,200.00	
1997	JEFFERSON	ORIGINAL FUELS, INC.	33890113	4860-04-FG	12-May-97	\$41,100.00	
1997	JEFFERSON	STARR COAL COMPANY	33850123	4860-12-FG	06-Aug-97	\$31,300.00	
1997	JEFFERSON	UREY COAL COMPANY	33950106	4860-14-FG	24-Sep-97	\$41,200.00	24.0
1997	JEFFERSON	YENZI, LEONARD W.	33950102	4860-16-FG	01-Dec-97	\$22,500.00	1.7
1997	SOMERSET	HARDROCK COAL COMPANY	56950110	4840-07-FG	22-Sep-97	\$74,800.00	
1997	SOMERSET	PBS COALS, INC.	56960110	4840-05-FG	02-Jun-97	\$79,800.00	
1997	VENANGO	BEN HAL MINING COMPANY	61970101	4860-07-FG	30-May-97	\$36,000.00	4.0
1997	WASHINGTON	ROBINSON COAL COMPANY	63940101	4830-08-FG	15-May-97	\$37,800.00	22.0
1997	WESTMORELAND	LMM, INC.	65960110	4830-07-FG	12-May-97	\$29,000.00	
1997	WESTMORELAND	RALPH SMITH & SON, INC.	65950107	4830-21-FG	16-Jul-97	\$13,050.00	16.7
1997	WESTMORELAND	SOSKO COAL COMPANY, INC.	65960111	4830-12-FG	19-Aug-97	\$26,600.00	
1997	WESTMORELAND	V. P. SMITH COMPANY, INC.	65970102	4830-13-FG	18-Sep-97	\$57,200.00	12.2

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Year	County Name	Company Name	Permit	FG Number	Issuance Date	\$ Value of F G	Reclaimed AML Acres
1998	ARMSTRONG	MCKAY COAL COMPANY, INC.	03880110	4830-24-FG	31-Jul-98	\$27,800.00	30.0
1998	ARMSTRONG	WALTER L. HOUSER COAL CO., INC.	03960102	4830-25-FG	15-Jul-98	\$31,200.00	
1998	BEAVER	KERRY COAL COMPANY	04970101	4830-19-FG	02-Jan-98	\$23,400.00	44.0
1998	BUTLER	BEN HAL MINING COMPANY	10970104	4860-23-FG	23-Mar-98	\$59,000.00	22.0
1998	BUTLER	BEN HAL MINING COMPANY	10970104	4860-32-FG	21-Sep-98	\$17,100.00	11.9
1998	BUTLER	BEN HAL MINING COMPANY	10980103	4860-30-FG	08-Sep-98	\$40,200.00	21.6
1998	BUTLER	ROSEBUD MINING COMPANY	10900109	4860-22-FG	11-Mar-98	\$32,900.00	37.4
1998	CAMBRIA	L & J ENERGY COMPANY, INC.	11960104	4840-27-FG	18-Sep-98	\$14,200.00	
1998	CAMBRIA	L & J ENERGY COMPANY, INC.	11980101	4840-29-FG	09-Nov-98	\$0.00	
1998	CAMBRIA	LAUREL LAND DEVELOPMENT, INC.	11970106	4840-19-FG	03-Jun-98	\$56,800.00	10.0
1998	CAMBRIA	LAUREL LAND DEVELOPMENT, INC.	11970106	4840-30-FG	24-Nov-98	\$7,300.00	
1998	CAMBRIA	R.J.C. KOHL INC.	11950103	4840-12-FG	17-Feb-98	\$21,400.00	7.2
1998	CAMBRIA	R.J.C. KOHL INC.	11950103	4840-22-FG	06-Jul-98	\$39,300.00	14.5
1998	CAMBRIA	R.J.C. KOHL INC.	11970105	4840-13-FG	19-Feb-98	\$8,800.00	4.8
1998	CENTRE	AL HAMILTON CONTRACTING COMPANY	14820103	4820-25-FG	03-Jun-98	\$79,800.00	26.6
1998	CENTRE	BERN COAL, INC.	14960101	4820-34-FG	28-Sep-98	\$32,800.00	
1998	CLARION	MSM COAL COMPANY, INC.	16960106	4860-20-FG	17-Feb-98	\$9,900.00	6.1
1998	CLARION	ORIGINAL FUELS, INC.	16940105	4860-33-FG	14-Oct-98	\$45,000.00	
1998	CLEARFIELD	CLOE MINING COMPANY, INC.	17960106	4820-12-FG	04-Mar-98	\$49,800.00	
1998	CLEARFIELD	ENERCORP, INC.	17663136	4820-22-FG	17-Apr-98	\$19,220.00	7.6
1998	CLEARFIELD	FORCEY COAL, INC.	17960110	4820-35-FG	30-Oct-98	\$16,300.00	6.3
1998	CLEARFIELD	FORCEY COAL, INC.	17970106	4820-13-FG	11-Feb-98	\$27,600.00	
1998	CLEARFIELD	JUNIOR COAL CONTRACTING, INC.	17820151	4820-40-FG	23-Nov-98	\$13,700.00	6.3
1998	CLEARFIELD	JUNIOR COAL CONTRACTING, INC.	17900140	4820-16-FG	30-Mar-98	\$11,700.00	8.5
1998	CLEARFIELD	JUNIOR COAL CONTRACTING, INC.	17930103	4820-11-FG	08-Jan-98	\$76,100.00	26.1
1998	CLEARFIELD	JUNIOR COAL CONTRACTING, INC.	17970118	4820-33-FG	04-Sep-98	\$46,600.00	18.6
1998	CLEARFIELD	K & J COAL CO., INC.	17960121	4820-29-FG	16-Jun-98	\$44,600.00	21.8
1998	CLEARFIELD	K & J COAL CO., INC.	17960121	4820-43-FG	30-Dec-98	\$14,000.00	7.8
1998	CLEARFIELD	LARSON ENTERPRISES, INC.	17820181	4820-26-FG	06-May-98	\$19,000.00	8.3

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Year	County Name	Company Name	Permit	FG Number	Issuance Date	\$ Value of F G	Reclaimed AML Acres
1998	CLEARFIELD	LARSON ENTERPRISES, INC.	17950115	4820-19-FG	04-Mar-98	\$12,600.00	9.8
1998	CLEARFIELD	LARSON ENTERPRISES, INC.	17950115	4820-42-FG	10-Nov-98	\$16,500.00	5.7
1998	CLEARFIELD	LARSON ENTERPRISES, INC.	17980114	4820-41-FG	18-Nov-98	\$21,100.00	10.9
1998	CLEARFIELD	M. R. Hainsey Contracting	17960102	4820-36-FG	22-Sep-98	\$21,000.00	9.8
1998	CLEARFIELD	MORAVIAN RUN RECLAMATION COMPANY,INC	17910113	4820-15-FG	23-Mar-98	\$12,900.00	6.9
1998	CLEARFIELD	MORAVIAN RUN RECLAMATION COMPANY,INC	17980902	4820-28-FG	12-May-98	\$14,500.00	8.7
1998	CLEARFIELD	MORAVIAN RUN RECLAMATION COMPANY,INC	17980902	4820-39-FG	20-Oct-98	\$2,400.00	
1998	CLEARFIELD	R. B. CONTRACTING	17980901	4820-24-FG	27-Apr-98	\$10,000.00	5.8
1998	CLEARFIELD	RIVER HILL COAL CO., INC..	17753050	4820-20-FG	11-Mar-98	\$38,100.00	12.7
1998	CLEARFIELD	RIVER HILL COAL CO., INC..	17753050	4820-31-FG	30-Oct-98	\$41,700.00	13.9
1998	CLEARFIELD	RIVER HILL COAL CO., INC..	17840123	4820-37-FG	09-Oct-98	\$71,100.00	
1998	CLEARFIELD	RIVER HILL COAL CO., INC..	17940107	4820-18-FG	04-Mar-98	\$28,700.00	6.7
1998	CLEARFIELD	RIVER HILL COAL CO., INC..	17940107	4820-17-FG	04-Mar-98	\$41,500.00	
1998	CLEARFIELD	RIVER HILL COAL CO., INC..	17940107	4820-32-FG	14-Jul-98	\$9,600.00	
1998	CLEARFIELD	SKY HAVEN COAL INC.	17803150	4820-23-FG	30-Mar-98	\$80,000.00	
1998	CLEARFIELD	SKY HAVEN COAL INC.	17910109	4820-44-FG	30-Dec-98	\$29,900.00	
1998	CLEARFIELD	SKY HAVEN COAL INC.	17970101	4820-21-FG	31-Mar-98	\$57,900.00	
1998	CLEARFIELD	SKY HAVEN COAL INC.	17970114	4820-27-FG	26-May-98	\$28,400.00	
1998	CLEARFIELD	SWISHER CONTRACTING, INC.	17980104	4820-30-FG	25-Jun-98	\$80,000.00	
1998	CLEARFIELD	WAROQUIER COAL COMPANY	17960115	4820-14-FG	04-Mar-98	\$28,500.00	13.9
1998	ELK	ENERGY RESOURCES, INC.	24970103	4860-28-FG	13-Aug-98	\$80,000.00	35.8
1998	INDIANA	ALVERDA ENTERPRISES, INC.	32980103	4840-23-FG	17-Jun-98	\$9,500.00	2.4
1998	INDIANA	ALVERDA ENTERPRISES, INC.	32980103	4840-28-FG	15-Oct-98	\$1,000.00	
1998	INDIANA	G L R MINING, INC.	32940102	4840-14-FG	14-Jan-98	\$16,700.00	8.7
1998	INDIANA	G L R MINING, INC.	32940102	4840-20-FG	13-Jul-98	\$45,800.00	24.6
1998	INDIANA	K.M.P. ASSOCIATES	32940109	4840-21-FG	08-Jul-98	\$36,500.00	
1998	INDIANA	K.M.P. ASSOCIATES	32950105	4840-17-FG	27-Apr-98	\$5,200.00	3.2
1998	INDIANA	SIMPSON COAL COMPANY	32970107	4840-16-FG	16-Mar-98	\$10,000.00	5.0
1998	INDIANA	SIMPSON COAL COMPANY	32970108	4840-15-FG	09-Mar-98	\$46,700.00	

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Year	County Name	Company Name	Permit	FG Number	Issuance Date	\$ Value of F G	Reclaimed AML Acres
1998	INDIANA	SKY HAVEN COAL INC.	32980102	4840-26-FG	02-Sep-98	\$18,500.00	
1998	INDIANA	T. L. H. COAL COMPANY	32970105	4840-11-FG	27-Oct-98	\$65,800.00	
1998	JEFFERSON	BEVERLY HILL COAL COMPANY	33970108	4860-24-FG	07-Apr-98	\$24,000.00	16.9
1998	JEFFERSON	COOKPORT COAL CO. INC.	33980104	4860-34-FG	13-Nov-98	\$23,000.00	15.6
1998	JEFFERSON	MAF COAL & EXCAVATION, INC.	33960107	4860-29-FG	26-Aug-98	\$30,900.00	
1998	JEFFERSON	MSM COAL COMPANY, INC.	33970103	4860-21-FG	09-Mar-98	\$47,200.00	41.4
1998	JEFFERSON	MSM COAL COMPANY, INC.	33970109	4860-25-FG	18-May-98	\$12,300.00	26.7
1998	JEFFERSON	MSM COAL COMPANY, INC.	33970109	4860-18-FG	15-Jan-98	\$20,500.00	10.1
1998	JEFFERSON	ORIGINAL FUELS, INC.	33970107	4860-35-FG	10-Dec-98	\$72,100.00	48.3
1998	JEFFERSON	ORIGINAL FUELS, INC.	33970107	4860-31-FG	18-Sep-98	\$7,900.00	3.3
1998	JEFFERSON	SWISHER CONTRACTING, INC.	33970104	4860-19-FG	16-Jan-98	\$13,900.00	0.9
1998	JEFFERSON	SWISHER CONTRACTING, INC.	33970104	4860-26-FG	22-May-98	\$7,200.00	7.8
1998	JEFFERSON	YENZI, JOHN R., JR.	33930112	4860-27-FG	27-Jul-98	\$4,500.00	
1998	SOMERSET	FIEG BROTHERS	56930114	4840-18-FG	24-Apr-98	\$42,000.00	
1998	SOMERSET	FRITZ COAL INC	56960101	4840-24-FG	10-Aug-98	\$0.00	
1998	SOMERSET	ZUBEK, INC.	56950106	4840-25-FG	20-Jul-98	\$38,100.00	
1998	WASHINGTON	ROBINSON COAL COMPANY	63910103	4830-28-FG	09-Nov-98	\$2,100.00	
1998	WASHINGTON	ROBINSON COAL COMPANY	63950101	4830-22-FG	03-Apr-98	\$33,000.00	11.0
1998	WESTMORELAND	RALPH SMITH & SON, INC.	65940107	4830-20-FG	08-Jan-98	\$14,200.00	11.0
1998	WESTMORELAND	RALPH SMITH & SON, INC.	65980101	4830-27-FG	27-Oct-98	\$0.00	
1998	WESTMORELAND	V. P. SMITH COMPANY, INC.	65980102	4830-29-FG	03-Dec-98	\$51,200.00	
1998	WESTMORELAND	V. P. SMITH COMPANY, INC.	65980102	4830-26-FG	26-Aug-98	\$28,800.00	11.5
1999	ALLEGHENY	ROBINSON COAL COMPANY	02970101	4830-30-FG	25-Jan-99	\$8,400.00	
1999	ARMSTRONG	WALTER L. HOUSER COAL CO., INC.	03960102	4830-31-FG	25-Feb-99	\$48,800.00	
1999	BUTLER	BEN HAL MINING COMPANY	10980103	4860-44-FG	28-Dec-99	\$20,400.00	21.6
1999	BUTLER	BEN HAL MINING COMPANY	10980109	4860-39-FG	04-Jun-99	\$22,700.00	9.5
1999	BUTLER	BEN HAL MINING COMPANY	10980109	4860-42-FG	20-Aug-99	\$14,600.00	22.7
1999	BUTLER	FLEISHNER EXCAVATING	10980110	4860-40-FG	25-Jun-99	\$23,400.00	14.6
1999	BUTLER	FLEISHNER EXCAVATING	10980110	4860-47-FG	21-Oct-99	\$5,400.00	

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Year	County Name	Company Name	Permit	FG Number	Issuance Date	\$ Value of F G	Reclaimed AML Acres
1999	CAMBRIA	E. P. BENDER COAL CO., INC.	11980102	4840-32-FG	19-Feb-99	\$80,000.00	58.2
1999	CAMBRIA	L & J ENERGY COMPANY, INC.	11980101	4840-33-FG	19-Mar-99	\$0.00	
1999	CAMBRIA	LAUREL LAND DEVELOPMENT, INC.	11980103	4840-39-FG	10-Aug-99	\$69,200.00	22.5
1999	CAMBRIA	R.J.C. KOHL INC.	11970105	4840-36-FG	10-May-99	\$44,000.00	4.6
1999	CLEARFIELD	ECKLUND COAL CO., INC.	17910131	4820-46-FG	04-Mar-99	\$45,400.00	17.0
1999	CLEARFIELD	ENERCORP, INC.	17970102	4820-54-FG	08-Jun-99	\$13,800.00	
1999	CLEARFIELD	FORCEY COAL, INC.	17980903	4820-60-FG	01-Jul-99	\$30,600.00	12.2
1999	CLEARFIELD	JOHNSON BROTHERS COAL CO.	17970111	4820-52-FG	16-Jul-99	\$79,800.00	42.2
1999	CLEARFIELD	JOHNSON BROTHERS COAL CO.	17980125	4820-50-FG	28-Jul-99	\$11,600.00	
1999	CLEARFIELD	JUNIOR COAL CONTRACTING, INC.	17900140	4820-55-FG	20-Dec-99	\$8,280.00	3.4
1999	CLEARFIELD	JUNIOR COAL CONTRACTING, INC.	17970118	4820-62-FG	30-Sep-99	\$2,700.00	
1999	CLEARFIELD	JUNIOR COAL CONTRACTING, INC.	17980110	4820-38-FG	13-Apr-99	\$39,000.00	
1999	CLEARFIELD	JUNIOR COAL CONTRACTING, INC.	17980117	4820-64-FG	20-Sep-99	\$40,400.00	
1999	CLEARFIELD	LARRY D. BAUMGARDNER COAL CO., INC.	17960114	4820-47-FG	06-Apr-99	\$77,300.00	19.9
1999	CLEARFIELD	LARRY D. BAUMGARDNER COAL CO., INC.	17960114	4820-67-FG	06-Oct-99	\$2,700.00	
1999	CLEARFIELD	LARRY D. BAUMGARDNER COAL CO., INC.	17990111	4820-74-FG	16-Dec-99	\$44,000.00	
1999	CLEARFIELD	LARSON ENTERPRISES, INC.	17820181	4820-45-FG	05-Jan-99	\$34,500.00	10.9
1999	CLEARFIELD	LARSON ENTERPRISES, INC.	17950107	4820-59-FG	09-Jun-99	\$1,500.00	0.7
1999	CLEARFIELD	LARSON ENTERPRISES, INC.	17980114	4820-56-FG	17-May-99	\$41,100.00	15.0
1999	CLEARFIELD	LARSON ENTERPRISES, INC.	17980114	4820-69-FG	01-Dec-99	\$26,400.00	9.2
1999	CLEARFIELD	M. R. Hainsey Contracting	17960102	4820-53-FG	14-Apr-99	\$14,400.00	4.8
1999	CLEARFIELD	MORAVIAN RUN RECLAMATION COMPANY, INC	17980109	4820-65-FG	09-Sep-99	\$57,300.00	25.7
1999	CLEARFIELD	MORAVIAN RUN RECLAMATION COMPANY, INC	17990901	4820-57-FG	27-Jul-99	\$20,600.00	7.8
1999	CLEARFIELD	R. B. CONTRACTING	17980106	4820-49-FG	30-Mar-99	\$1,200.00	0.4
1999	CLEARFIELD	R. B. CONTRACTING	17980106	4820-58-FG	23-Jul-99	\$2,400.00	0.8
1999	CLEARFIELD	R. B. CONTRACTING	17980106	4820-66-FG	15-Sep-99	\$2,100.00	0.7
1999	CLEARFIELD	R. B. CONTRACTING	17980120	4820-51-FG	11-Jun-99	\$34,100.00	15.5
1999	CLEARFIELD	RIVER HILL COAL CO., INC..	17753050	4820-63-FG	11-Aug-99	\$45,000.00	15.0
1999	CLEARFIELD	RIVER HILL COAL CO., INC..	17980124	4820-61-FG	18-Oct-99	\$71,000.00	30.0

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Year	County Name	Company Name	Permit	FG Number	Issuance Date	\$ Value of F G	Reclaimed AML Acres
1999	ELK	TAMBURLIN BROTHERS COAL CO., INC.	24940101	4860-38-FG	28-May-99	\$48,900.00	
1999	INDIANA	ALVERDA ENTERPRISES, INC.	32980103	4840-40-FG	22-Jun-99	\$3,000.00	
1999	INDIANA	ALVERDA ENTERPRISES, INC.	32980103	4840-46-FG	16-Nov-99	\$1,200.00	
1999	INDIANA	ALVERDA ENTERPRISES, INC.	32980112	4840-48-FG	20-Dec-99	\$7,900.00	1.0
1999	INDIANA	K.M.P. ASSOCIATES	32940109	4840-31-FG	05-Mar-99	\$11,500.00	
1999	INDIANA	K.M.P. ASSOCIATES	32940109	4840-43-FG	27-Sep-99	\$1,300.00	
1999	INDIANA	K.M.P. ASSOCIATES	32970108	4840-34-FG	17-May-99	\$46,700.00	11.6
1999	INDIANA	MEARS ENTERPRISES, INC.	32970112	4840-35-FG	22-Apr-99	\$17,300.00	6.7
1999	INDIANA	OPAL INDUSTRIES, INC.	32980110	4840-41-FG	26-Jul-99	\$80,000.00	
1999	INDIANA	SIMPSON COAL COMPANY	32980114	4840-38-FG	17-Jun-99	\$58,100.00	8.0
1999	JEFFERSON	COOKPORT COAL CO. INC.	33980104	4860-41-FG	26-Aug-99	\$23,900.00	8.7
1999	JEFFERSON	MCKAY COAL COMPANY, INC.	33990102	4860-37-FG	05-May-99	\$32,000.00	
1999	JEFFERSON	MSM COAL COMPANY, INC.	33970109	4860-46-FG	26-Oct-99	\$46,400.00	21.7
1999	JEFFERSON	T. L. H. COAL COMPANY	33990108	4860-43-FG	28-Sep-99	\$79,000.00	
1999	SOMERSET	FRITZ COAL INC	56980110	4840-37-FG	03-May-99	\$80,000.00	30.2
1999	SOMERSET	HOFFMAN MINING, INC.	56990101	4840-44-FG	22-Dec-99	\$74,100.00	3.1
1999	SOMERSET	PBS COALS, INC.	56880109	4840-45-FG	03-Nov-99	\$79,700.00	
1999	VENANGO	BEN HAL MINING COMPANY	61980103	4860-36-FG	19-Feb-99	\$16,200.00	4.9
1999	VENANGO	BEN HAL MINING COMPANY	61980103	4860-45-FG	22-Oct-99	\$9,500.00	
1999	WASHINGTON	KERRY COAL COMPANY	63980105	4830-33-FG	07-Sep-99	\$33,700.00	
1999	WESTMORELAND	RALPH SMITH & SON, INC.	65980101	4830-32-FG	22-Mar-99	\$10,000.00	4.0
1999	WESTMORELAND	RALPH SMITH & SON, INC.	65980101	4830-34-FG	06-Jul-99	\$23,700.00	
2000	ARMSTRONG	WALTER L. HOUSER COAL CO., INC.	03990107	4830-39-FG	05-Jul-00	\$74,400.00	
2000	BUTLER	BEN HAL MINING COMPANY	10970104	4860-62-FG	28-Nov-00	\$36,500.00	25.4
2000	BUTLER	BEN HAL MINING COMPANY	10990104	4860-58-FG	11-Aug-00	\$30,400.00	
2000	CAMBRIA	LAUREL ENERGY, L.P.	11990102	4840-55-FG	03-May-00	\$80,000.00	
2000	CAMBRIA	LAUREL LAND DEVELOPMENT, INC.	11970106	4840-54-FG	17-Oct-00	\$1,100.00	
2000	CAMBRIA	LAUREL LAND DEVELOPMENT, INC.	11980103	4840-58-FG	17-Oct-00	\$10,800.00	
2000	CLARION	SKY HAVEN COAL INC.	16990105	4860-60-FG	22-Sep-00	\$68,700.00	

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Year	County Name	Company Name	Permit	FG Number	Issuance Date	\$ Value of F G	Reclaimed AML Acres
2000	CLEARFIELD	AL HAMILTON CONTRACTING COMPANY	17930117	4820-76-FG	01-Mar-00	\$79,900.00	
2000	CLEARFIELD	E. M. Brown, Inc.	17950117	4820-72-FG	06-Jan-00	\$65,700.00	
2000	CLEARFIELD	ENERCORP, INC.	17970102	4820-87-FG	21-Jul-00	\$0.00	
2000	CLEARFIELD	ENERCORP, INC.	17970102	4820-94-FG	27-Dec-00	\$7,400.00	
2000	CLEARFIELD	FORCEY COAL, INC.	17980122	4820-80-FG	13-Apr-00	\$20,300.00	6.9
2000	CLEARFIELD	FORCEY COAL, INC.	17990112	4820-75-FG	23-Feb-00	\$46,800.00	
2000	CLEARFIELD	FORCEY COAL, INC.	17990119	4820-91-FG	20-Sep-00	\$15,900.00	
2000	CLEARFIELD	FORCEY COAL, INC.	17990119	4820-100-FG	12-Dec-00	\$3,000.00	
2000	CLEARFIELD	G & S Timber, Inc.	17000106	4820-98-FG	06-Dec-00	\$15,200.00	5.8
2000	CLEARFIELD	G & S Timber, Inc.	17990903	4820-70-FG	06-Jan-00	\$13,000.00	5.0
2000	CLEARFIELD	G & S Timber, Inc.	17990904	4820-71-FG	25-Jan-00	\$8,600.00	
2000	CLEARFIELD	JUNIOR COAL CONTRACTING, INC.	17000901	4820-93-FG	08-Sep-00	\$13,100.00	9.0
2000	CLEARFIELD	JUNIOR COAL CONTRACTING, INC.	17970118	4820-86-FG	17-Aug-00	\$1,100.00	
2000	CLEARFIELD	JUNIOR COAL CONTRACTING, INC.	17980117	4820-89-FG	17-Aug-00	\$39,600.00	
2000	CLEARFIELD	LARRY D. BAUMGARDNER COAL CO., INC.	17960114	4820-92-FG	05-Sep-00	\$46,800.00	18.0
2000	CLEARFIELD	LARSON ENTERPRISES, INC.	17990121	4820-77-FG	04-Apr-00	\$48,700.00	5.5
2000	CLEARFIELD	LARSON ENTERPRISES, INC.	17990121	4820-101-FG	09-Nov-00	\$6,000.00	
2000	CLEARFIELD	Mark Coal	17990124	4820-83-FG	05-Jun-00	\$15,400.00	
2000	CLEARFIELD	MORAVIAN RUN RECLAMATION COMPANY, INC	17980109	4820-79-FG	27-Mar-00	\$22,500.00	7.5
2000	CLEARFIELD	SKY HAVEN COAL INC.	17960101	4820-85-FG	17-Aug-00	\$79,800.00	
2000	CLEARFIELD	SKY HAVEN COAL INC.	17970101	4820-78-FG	27-Mar-00	\$80,000.00	
2000	CLEARFIELD	STRISHOCK COAL COMPANY	17860135	4820-88-FG	17-Aug-00	\$8,900.00	
2000	CLEARFIELD	SWISHER CONTRACTING, INC.	17990118	4820-84-FG	13-Jul-00	\$80,000.00	
2000	CLEARFIELD	THUNDER COAL COMPANY	17990123	4820-81-FG	30-Oct-00	\$17,400.00	
2000	CLEARFIELD	WAROQUIER COAL COMPANY	17990108	4820-99-FG	12-Dec-00	\$27,000.00	10.0
2000	ELK	TAMBURLIN BROTHERS COAL CO., INC.	24920101	4860-55-FG	16-Jun-00	\$7,900.00	
2000	ELK	TAMBURLIN BROTHERS COAL CO., INC.	24940101	4860-54-FG	29-Mar-00	\$30,000.00	
2000	INDIANA	ALVERDA ENTERPRISES, INC.	32980112	4840-67-FG	20-Dec-00	\$1,300.00	1.0
2000	INDIANA	G L R MINING, INC.	32970106	4840-51-FG	15-Feb-00	\$60,800.00	25.2

Appendix D
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Year	County Name	Company Name	Permit	FG Number	Issuance Date	\$ Value of F G	Reclaimed AML Acres
2000	INDIANA	K.M.P. ASSOCIATES	32970108	4840-50-FG	24-Jan-00	\$52,700.00	
2000	INDIANA	K.M.P. ASSOCIATES	32990110	4840-52-FG	15-May-00	\$29,600.00	3.3
2000	INDIANA	KRAYNAK COAL COMPANY	32960103	4840-56-FG	21-Aug-00	\$29,100.00	11.1
2000	INDIANA	KRAYNAK COAL COMPANY	32980111	4840-57-FG	17-Jul-00	\$13,900.00	11.1
2000	INDIANA	SIMPSON COAL COMPANY	32980114	4840-59-FG	12-Jun-00	\$2,100.00	8.0
2000	INDIANA	T. L. H. COAL COMPANY	32950108	4840-63-FG	19-Dec-00	\$11,400.00	12.0
2000	INDIANA	T. L. H. COAL COMPANY	32990103	4840-47-FG	15-Aug-00	\$63,300.00	
2000	INDIANA	WALLS, GARY C	32990106	4840-60-FG	20-Jul-00	\$58,500.00	9.5
2000	JEFFERSON	BEN HAL MINING COMPANY	33960107	4860-59-FG	11-Aug-00	\$30,900.00	11.9
2000	JEFFERSON	COOKPORT COAL CO. INC.	33990113	4860-56-FG	12-Apr-00	\$72,300.00	60.6
2000	JEFFERSON	MSM COAL COMPANY, INC.	33970103	4860-50-FG	11-Feb-00	\$9,000.00	3.0
2000	JEFFERSON	MSM COAL COMPANY, INC.	33980109	4860-51-FG	15-Feb-00	\$56,100.00	44.3
2000	JEFFERSON	STRISHOCK COAL COMPANY	33920103	4860-53-FG	29-Mar-00	\$38,400.00	12.8
2000	JEFFERSON	STRISHOCK COAL COMPANY	33990109	4860-61-FG	18-Sep-00	\$70,100.00	
2000	JEFFERSON	YENZI, LEONARD W.	33950102	4860-52-FG	23-May-00	\$3,300.00	
2000	SOMERSET	DUPPSTADT COAL	56890111	4840-49-FG	20-Jul-00	\$55,400.00	
2000	SOMERSET	DUPPSTADT COAL	56990102	4840-53-FG	17-Apr-00	\$79,800.00	
2000	VENANGO	BEN HAL MINING COMPANY	61980103	4860-48-FG	10-Jan-00	\$16,800.00	
2000	VENANGO	BEN HAL MINING COMPANY	61990102	4860-57-FG	06-Jun-00	\$31,700.00	17.0
2000	VENANGO	BEN HAL MINING COMPANY	61990102	4860-49-FG	23-Feb-00	\$8,600.00	1.7
2000	WASHINGTON	KERRY COAL COMPANY	63980105	4830-41-FG	05-Sep-00	\$3,900.00	
2000	WESTMORELAND	RALPH SMITH & SON, INC.	65970901	4830-35-FG	28-Nov-00	\$39,700.00	
2000	WESTMORELAND	V. P. SMITH COMPANY, INC.	65000101	4830-42-FG	06-Sep-00	\$18,600.00	
2000	WESTMORELAND	V. P. SMITH COMPANY, INC.	65990105	4830-37-FG	05-May-00	\$35,200.00	
2001	ALLEGHENY	ROBINSON COAL COMPANY	02950102	4830-23-FG	05-Mar-01	\$0.00	8.7
2001	ARMSTRONG	P. AND N. COAL CO., INC.	03000106	4830-43-FG	04-Apr-01	\$80,000.00	
2001	ARMSTRONG	WALTER L. HOUSER COAL CO., INC.	03980101	4830-38-FG	23-Mar-01	\$58,700.00	6.3
2001	BEAVER	KERRY COAL COMPANY	04840101	4830-48-FG	15-Jun-01	\$80,000.00	
2001	BEDFORD	DASH COAL CO., INC.	05773002	4840-85-FG	02-Aug-01	\$43,600.00	

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Year	County Name	Company Name	Permit	FG Number	Issuance Date	\$ Value of F G	Reclaimed AML Acres
2001	BLAIR	COONEY BROS. COAL CO.	07000101	4840-79-FG	29-Jun-01	\$40,800.00	
2001	BUTLER	ROSEBUD MINING COMPANY	10890114	4860-65-FG	03-Apr-01	\$29,800.00	
2001	BUTLER	ROSEBUD MINING COMPANY	10890114	4860-67-FG	05-Jul-01	\$0.00	
2001	CAMBRIA	HOFFMAN MINING, INC.	11000104	4840-78-FG	08-Jun-01	\$69,400.00	
2001	CAMBRIA	L & J ENERGY COMPANY, INC.	11980101	4840-75-FG	02-Mar-01	\$11,300.00	
2001	CAMBRIA	LAUREL LAND DEVELOPMENT, INC.	11970106	4840-65-FG	04-Jan-01	\$14,800.00	
2001	CAMBRIA	LAUREL LAND DEVELOPMENT, INC.	11980103	4840-73-FG	05-Mar-01	\$39,700.00	
2001	CAMBRIA	T. J. MINING, INC.	11000103	4840-66-FG	15-Feb-01	\$46,600.00	
2001	CENTRE	RIVER HILL COAL CO., INC..	14000101	4820-111-FG	06-Aug-01	\$62,600.00	
2001	CENTRE	RIVER HILL COAL CO., INC..	14960101	4820-105-FG	25-Jan-01	\$17,100.00	
2001	CLEARFIELD	A. W. LONG COAL CO.	17714022	4820-103-FG	24-Aug-01	\$11,600.00	
2001	CLEARFIELD	E. M. Brown, Inc.	17950117	4820-116-FG	25-Oct-01	\$6,300.00	
2001	CLEARFIELD	E. P. BENDER COAL CO., INC.	17970105	4820-115-FG	10-Oct-01	\$68,200.00	
2001	CLEARFIELD	ENERCORP, INC.	17970102	4820-110-FG	14-Aug-01	\$8,100.00	
2001	CLEARFIELD	FORCEY COAL, INC.	17000104	4820-107-FG	26-Jun-01	\$29,200.00	12.4
2001	CLEARFIELD	FORCEY COAL, INC.	17000104	4820-114-FG	07-Sep-01	\$47,000.00	18.4
2001	CLEARFIELD	FORCEY COAL, INC.	17970106	4820-106-FG	02-Feb-01	\$52,400.00	
2001	CLEARFIELD	FORCEY COAL, INC.	17990112	4820-108-FG	23-May-01	\$12,700.00	
2001	CLEARFIELD	HILLTOP COAL COMPANY	17000105	4820-95-FG	15-Feb-01	\$20,900.00	7.3
2001	CLEARFIELD	LARSON ENTERPRISES, INC.	17940123CB	4820-119-FG	31-Dec-01	\$58,422.00	9.7
2001	CLEARFIELD	R J Coal Co	17980121	4820-109-FG	27-Sep-01	\$61,200.00	
2001	CLEARFIELD	SKY HAVEN COAL INC.	17930117	4820-90-FG	04-Jan-01	\$0.00	10.0
2001	CLEARFIELD	THUNDER COAL COMPANY	17990123	4820-102-FG	14-Dec-01	\$9,000.00	
2001	FAYETTE	CARBON FUEL RESOURCES, INC.	26000201	4830-49-FG	30-Jul-01	\$68,000.00	
2001	FAYETTE	MARQUISE MINING CORPORATION	26980101	4830-47-FG	15-Jun-01	\$42,800.00	
2001	INDIANA	ALVERDA ENTERPRISES, INC.	32000104	4840-89-FG	26-Oct-01	\$30,500.00	
2001	INDIANA	BRITT ENERGIES INC	32000102	4840-80-FG	20-Jun-01	\$70,100.00	32.6
2001	INDIANA	K.M.P. ASSOCIATES	32970108	4840-74-FG	31-May-01	\$21,000.00	
2001	INDIANA	KRAYNAK COAL COMPANY	32000107	4840-69-FG	02-Apr-01	\$33,200.00	

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Year	County Name	Company Name	Permit	FG Number	Issuance Date	\$ Value of F G	Reclaimed AML Acres
2001	INDIANA	KRAYNAK COAL COMPANY	32980111	4840-77-FG	07-May-01	\$1,900.00	
2001	INDIANA	KRAYNAK COAL COMPANY	32980111	4840-68-FG	10-Jan-01	\$12,000.00	
2001	INDIANA	OPAL INDUSTRIES, INC.	32010101	4840-88-FG	07-Nov-01	\$80,000.00	
2001	INDIANA	T. L. H. COAL COMPANY	32950108	4840-86-FG	21-Aug-01	\$10,200.00	7.2
2001	INDIANA	WALLS, GARY C	32990106	4840-70-FG	29-Jan-01	\$21,300.00	
2001	INDIANA	WALLS, GARY C	32990106	4840-81-FG	03-Jul-01	\$20,200.00	
2001	INDIANA	WALTER L. HOUSER COAL CO., INC.	32990109	4840-64-FG	16-Jul-01	\$15,700.00	
2001	JEFFERSON	BEN HAL MINING COMPANY	33960107	4860-63-FG	29-Jan-01	\$3,000.00	
2001	JEFFERSON	T. L. H. COAL COMPANY	33990108	4860-68-FG	11-Oct-01	\$300.00	
2001	SOMERSET	COONEY BROS. COAL CO.	56000101	4840-87-FG	12-Dec-01	\$80,000.00	
2001	SOMERSET	Duppstadt Coal	56890111	4840-61-FG	07-Mar-01	\$55,400.00	
2001	SOMERSET	Duppstadt Coal	56990102	4840-62-FG	07-Mar-01	\$79,800.00	
2001	SOMERSET	HARDROCK COAL COMPANY	56950110	4840-83-FG	12-Oct-01	\$5,200.00	
2001	SOMERSET	HOFFMAN MINING, INC.	56000105	4840-71-FG	08-Mar-01	\$79,900.00	
2001	SOMERSET	MARQUISE MINING CORPORATION	56980106	4840-84-FG	17-Aug-01	\$29,600.00	
2001	SOMERSET	Mountainside Excavating Inc	56000104	4840-72-FG	26-Mar-01	\$72,300.00	
2001	SOMERSET	ZUBEK, INC.	56950106	4840-76-FG	30-Mar-01	\$1,200.00	
2001	SULLIVAN	FALCON COAL & CONSTRUCTION CO.	57000901	4820-104-FG	16-Mar-01	\$11,100.00	
2001	VENANGO	BEN HAL MINING COMPANY	61980103	4860-64-FG	29-Jan-01	\$30,300.00	
2001	VENANGO	BEN HAL MINING COMPANY	61980103	4860-66-FG	22-May-01	\$4,500.00	
2001	WASHINGTON	KERRY COAL COMPANY	63010101	4830-50-FG	27-Nov-01	\$30,000.00	
2001	WASHINGTON	KERRY COAL COMPANY	63980105	4830-46-FG	23-Apr-01	\$6,200.00	
2001	WASHINGTON	RACCOON COAL COMPANY	63860110	4830-44-FG	23-Feb-01	\$49,900.00	
2001	WESTMORELAND	REICHARD CONTRACTING, INC.	65000201	4830-45-FG	05-Apr-01	\$20,600.00	
2001	WESTMORELAND	V. P. SMITH COMPANY, INC.	65010102	4830-61-FG	01-Nov-01	\$36,669.00	
2001	WESTMORELAND	V. P. SMITH COMPANY, INC.	65010102	4830-52-FG	01-Nov-01	\$32,900.00	
2001	WESTMORELAND	V. P. SMITH COMPANY, INC.	65990105	4830-51-FG	19-Oct-01	\$14,600.00	
2002	ARMSTRONG	ALVERDA ENTERPRISES, INC.	03020103	4830-56-FG	25-Jul-02	\$25,000.00	
2002	ARMSTRONG	MARQUISE MINING CORPORATION	03010103	4830-54-FG	08-Jan-02	\$54,201.00	

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Year	County Name	Company Name	Permit	FG Number	Issuance Date	\$ Value of F G	Reclaimed AML Acres
2002	BUTLER	T. C. MINING	10010112	4860-70-FG	25-Jun-02	\$80,000.00	
2002	CAMBRIA	E. P. BENDER COAL CO., INC.	11010101	4840-82-FG	09-Jan-02	\$79,500.00	
2002	CAMBRIA	E. P. BENDER COAL CO., INC.	11010102	4840-96-FG	10-Jul-02	\$12,300.00	
2002	CLARION	ORIGINAL FUELS, INC.	16940105	4860-71-FG	27-Jun-02	\$35,000.00	
2002	CLEARFIELD	Bell Resources, Inc.	17010103	4820-118-FG	04-Sep-02	\$62,900.00	
2002	CLEARFIELD	BETH CONTRACTING, INC.	17970111	4820-68-FG	08-Feb-02	\$0.00	
2002	CLEARFIELD	COMPASS COAL CO., INC.	17010102	4820-123-FG	12-Jun-02	\$80,000.00	
2002	CLEARFIELD	FORCEY COAL, INC.	17990119	4820-117-FG	10-Jan-02	\$5,400.00	
2002	CLEARFIELD	LARRY D. BAUMGARDNER COAL CO., INC.	17990111	4820-124-FG	09-May-02	\$35,792.00	
2002	CLEARFIELD	MORAVIAN RUN RECLAMATION COMPANY, INC	17010113	4820-121-FG	15-Mar-02	\$80,000.00	
2002	INDIANA	ALVERDA ENTERPRISES, INC.	32010110	4840-95-FG	14-May-02	\$31,432.00	
2002	INDIANA	ALVERDA ENTERPRISES, INC.	32010111	4840-98-FG	23-May-02	\$19,213.00	
2002	INDIANA	KRAYNAK COAL COMPANY	32980111	4840-92-FG	20-Feb-02	\$18,800.00	
2002	INDIANA	M&S MINING INC	32980106	4840-100-FG	26-Jun-02	\$38,831.00	
2002	INDIANA	T. L. H. COAL COMPANY	32010113	4840-93-FG	30-Apr-02	\$4,997.00	
2002	INDIANA	WALTER L. HOUSER COAL CO., INC.	32010106	4840-94-FG	22-Apr-02	\$80,000.00	
2002	JEFFERSON	COOKPORT COAL CO. INC.	33020101	4860-72-FG	01-Aug-02	\$77,500.00	
2002	JEFFERSON	UREY COAL COMPANY	33950106	4860-69-FG	20-Feb-02	\$18,400.00	
2002	LUZERNE	HAZLETON SHAFT CORPORATION	40990101	4810-03-FG	21-Nov-02	\$6,731.00	
2002	LUZERNE	ROSSI EXCAVATING COMPANY	40020201	4810-02-FG	05-Jul-02	\$26,950.00	
2002	SOMERSET	Duppstadt Coal	56890111	4840-97-FG	29-Apr-02	\$24,600.00	
2002	SOMERSET	GODIN BROS., INC.	56010104	4840-102-FG	12-Dec-02	\$80,000.00	
2002	SOMERSET	HERITAGE MINING COMPANY	56970104	4840-99-FG	24-Jun-02	\$61,153.00	
2002	SOMERSET	MARQUISE MINING CORPORATION	56990105	4840-91-FG	27-Feb-02	\$56,300.00	
2002	SOMERSET	Mountainside Excavating Inc	56000104	4840-90-FG	20-Mar-02	\$7,500.00	
2002	SOMERSET	PBS COALS, INC.	56000104	4840-101-FG	19-Aug-02	\$79,800.00	17.0
2002	VENANGO	BEN HAL MINING COMPANY	61020101	4860-73-FG	21-Oct-02	\$32,900.00	
2002	WASHINGTON	RACCOON COAL COMPANY	63860110	4830-53-FG	13-Feb-02	\$15,000.00	
2002	WASHINGTON	RACCOON COAL COMPANY	63860110	4830-55-FG	01-Mar-02	\$15,000.00	

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2002	WASHINGTON	ROBINSON COAL COMPANY	63880102	4830-57-FG	03-Sep-02	\$13,783.00	
2002	WESTMORELAND	GARY GIOIA COAL COMPANY	65990103	4830-40-FG	30-Jan-02	\$33,800.00	6.1
2002	WESTMORELAND	MILLWOOD DEV INC	65880106	4830-59-FG	20-Oct-02	\$67,879.89	
2002	WESTMORELAND	MILLWOOD DEV INC	65990104	4830-58-FG	06-Sep-02	\$46,900.00	
2002	WESTMORELAND	V. P. SMITH COMPANY, INC.	65010102	4830-60-FG	18-Nov-02	\$9,647.00	
2003	ARMSTRONG	WALTER L. HOUSER COAL CO., INC.	03020115	4830-68-FG	02-Dec-03	\$65,200.00	
2003	BUTLER	BEN HAL MINING COMPANY	10020105	4860-75-FG	02-Apr-03	\$68,400.00	
2003	CAMBRIA	ALVERDA ENTERPRISES, INC.	11020201	4840-104-FG	31-Jan-03	\$22,500.00	
2003	CAMBRIA	AMFIRE MINING CO LLC	11990102	4840-109-FG	16-Jul-03	\$61,970.00	6.0
2003	CAMBRIA	LAUREL SAND & STONE INC	11970106	4840-103-FG	06-Jan-03	\$48,087.00	
2003	CLEARFIELD	ENERGY RESOURCES, INC.	17930120	4820-127-FG	14-Mar-03	\$80,000.00	
2003	CLEARFIELD	FORCEY COAL, INC.	17020101	4820-129-FG	18-Sep-03	\$58,934.00	
2003	CLEARFIELD	LARSON ENTERPRISES, INC.	17010104	4820-125-FG	13-Jan-03	\$80,000.00	
2003	ELK	ENERGY RESOURCES, INC.	24010101	4860-74-FG	05-Mar-03	\$11,500.00	
2003	ELK	ENERGY RESOURCES, INC.	24990101	4860-76-FG	05-Mar-03	\$79,500.00	
2003	FAYETTE	CARBON FUEL RESOURCES, INC.	26870202	4830-66-FG	23-Sep-03	\$80,000.00	
2003	INDIANA	ALVERDA ENTERPRISES, INC.	32000104	4840-105-FG	10-Jun-03	\$14,008.00	
2003	INDIANA	BRITT ENERGIES INC	32020106	4840-108-FG	19-Jun-03	\$80,000.00	8.7
2003	INDIANA	KRAYNAK COAL COMPANY	32000107	4840-107-FG	23-Jun-03	\$22,446.00	
2003	INDIANA	KRAYNAK COAL COMPANY	32000107	4840-110-FG	28-Jul-03	\$24,008.00	
2003	INDIANA	M&S MINING INC	32980106	4840-112-FG	12-Aug-03	\$7,015.00	
2003	INDIANA	P. AND N. COAL CO., INC.	32030101	4840-113-FG	08-Sep-03	\$80,000.00	
2003	INDIANA	TWIN BROOK COAL INC	32030104	4840-114-FG	06-Nov-03	\$14,403.00	2.4
2003	JEFFERSON	BEN HAL MINING COMPANY	33030103	4860-81-FG	21-Nov-03	\$6,600.00	1.3
2003	JEFFERSON	BETH CONTRACTING, INC.	33950106	4860-80-FG	02-Sep-03	\$34,200.00	
2003	JEFFERSON	MSM COAL COMPANY, INC.	33020106	4860-78-FG	27-May-03	\$73,400.00	
2003	LAWRENCE	KERRY COAL COMPANY	37020105	4860-77-FG	25-Apr-03	\$71,990.00	
2003	MERCER	BEN HAL MINING COMPANY	43020103	4860-79-FG	11-Aug-03	\$40,470.00	
2003	SCHUYLKILL	GALE COAL COMPANY, INC.	54980103	4810-04-FG	14-Feb-03	\$11,285.00	

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2003	SCHUYLKILL	JOE KUPERAVAGE COAL CO	54000103	4810-09-FG	20-Nov-03	\$20,002.65	4.1
2003	SCHUYLKILL	MOUNTAIN TOP COAL MINING, INC.	54960101	4810-06-FG	19-May-03	\$0.00	
2003	SCHUYLKILL	SELKIRK MINING CO	54830107	4810-07-FG	25-Aug-03	\$75,884.68	
2003	SOMERSET	SHERPA MINING CONTRACTORS INC	56970104	4840-106-FG	17-Jun-03	\$61,153.00	
2003	WASHINGTON	MULLIGAN MINING, INC.	63020102	4830-65-FG	23-Jul-03	\$80,000.00	35.2
2003	WESTMORELAND	MILLWOOD DEV INC	65880106	4830-64-FG	04-Feb-03	\$5,396.74	
2003	WESTMORELAND	MILLWOOD DEV INC	65880106	4830-67-FG	01-Aug-03	\$6,661.66	
2003	WESTMORELAND	RALPH SMITH & SON, INC.	65990106	4830-63-FG	19-May-03	\$0.00	
2003	WESTMORELAND	RALPH SMITH & SON, INC.	65990106	4830-63-FG	19-May-03	\$9,725.00	
2003	WESTMORELAND	TCNC Industries	65990103	4830-62-FG	23-Sep-03	\$0.00	
2003	WESTMORELAND	TCNC Industries	65990103	4830-62-FG	23-Sep-03	\$55,000.00	
2004	ARMSTRONG	ORIGINAL FUELS, INC.	03020103	4830-72-FG	08-Nov-04	\$33,148.00	4.8
2004	ARMSTRONG	WALTER L. HOUSER COAL CO., INC.	03980101	4830-71-FG	23-Apr-04	\$21,300.00	6.3
2004	BLAIR	COONEY BROS. COAL CO.	07000101	4840-121-FG	04-Mar-04	\$19,867.00	
2004	BUTLER	ANCIENT SUN, INC.	10010101	4860-90-FG	18-Oct-04	\$57,100.00	
2004	BUTLER	QUALITY AGGREGATES INC.	10030101	4860-82-FG	02-Feb-04	\$15,000.00	
2004	BUTLER	QUALITY AGGREGATES INC.	10030101	4860-89-FG	20-Sep-04	\$34,500.00	
2004	CAMBRIA	EBENSBURG POWER COMPANY	11020202	4840-123-FG	07-Oct-04	\$80,000.00	
2004	CENTRE	Lee Coal Contracting, Inc.	14030102	4820-134-FG	08-Oct-04	\$46,614.00	
2004	CLARION	BEN HAL MINING COMPANY	16040101	4860-91-FG	04-Nov-04	\$8,500.00	
2004	CLARION	BEN HAL MINING COMPANY	16040101	4860-88-FG	24-Aug-04	\$40,700.00	
2004	CLARION	MILESTONE CRUSHED INC	16040102	4860-93-FG	22-Nov-04	\$80,000.00	
2004	CLEARFIELD	JUNIOR COAL CONTRACTING, INC.	17020112	4820-135-FG	18-Jun-04	\$32,700.00	
2004	CLEARFIELD	JUNIOR COAL CONTRACTING, INC.	17020113	4820-130-FG	18-Jun-04	\$80,000.00	
2004	CLEARFIELD	LARRY D. BAUMGARDNER COAL CO., INC.	17030108	4820-138-FG	19-Aug-04	\$80,000.00	
2004	CLEARFIELD	LARSON ENTERPRISES, INC.	17020111	4820-128-FG	24-Mar-04	\$0.00	
2004	CLEARFIELD	Lee Coal Contracting, Inc.	17020111	4820-133-FG	24-Mar-04	\$33,636.00	
2004	CLEARFIELD	Lee Coal Contracting, Inc.	17990121	4820-132-FG	23-Mar-04	\$6,501.00	
2004	CLEARFIELD	Northern & Son, Inc.	17000102	4820-126-FG	08-Nov-04	\$0.00	

Appendix D
Remining Financial Guarantees to Insure Reclamation Project List

Year	County Name	Company Name	Permit	FG Number	Issuance Date	\$ Value of F G	Reclaimed AML Acres
2004	CLEARFIELD	RIVER HILL COAL CO., INC..	17990124	4820-140-FG	08-Oct-04	\$63,173.00	10.0
2004	CLEARFIELD	SWISHER CONTRACTING, INC.	17030107	4820-131-FG	18-Feb-04	\$80,000.00	
2004	CLEARFIELD	SWISHER CONTRACTING, INC.	17030110	4820-139-FG	28-Jul-04	\$80,000.00	
2004	CLEARFIELD	WAROQUIER COAL COMPANY	17010101	4820-122-FG	21-Sep-04	\$74,117.00	
2004	ELK	ENERGY RESOURCES, INC.	24030102	4860-84-FG	11-Aug-04	\$68,500.00	
2004	FAYETTE	Steve Patterson Excav	26030102	4830-69-FG	09-Feb-04	\$39,700.00	
2004	INDIANA	ALVERDA ENTERPRISES, INC.	32020101	4840-115-FG	26-Feb-04	\$10,786.00	
2004	INDIANA	BRITT ENERGIES INC	32030103	4840-111-FG	28-Apr-04	\$80,000.00	
2004	INDIANA	BRITT ENERGIES INC	32040102	4840-127-FG	21-Sep-04	\$80,000.00	
2004	INDIANA	FOSSIL FUEL, INC.	32030110	4840-119-FG	26-Feb-04	\$60,287.00	
2004	INDIANA	K.M.P. ASSOCIATES	32020107	4840-118-FG	26-Feb-04	\$63,572.00	6.5
2004	INDIANA	KMP ASSOC INC	32020107	4840-129-FG	16-Nov-04	\$63,572.00	6.5
2004	INDIANA	KMP ASSOC INC	32940109	4840-130-FG	22-Nov-04	\$67,500.00	
2004	INDIANA	KMP ASSOC INC	32990108	4840-131-FG	06-Dec-04	\$20,220.00	1.2
2004	INDIANA	KRAYNAK COAL COMPANY	32020105	4840-122-FG	18-Jun-04	\$11,506.00	
2004	INDIANA	M&S MINING INC	32980106	4840-126-FG	09-Dec-04	\$16,445.00	
2004	INDIANA	SIMPSON COAL COMPANY	32030106	4840-117-FG	15-Mar-04	\$36,150.00	
2004	INDIANA	SIMPSON COAL COMPANY	32030107	4840-120-FG	03-May-04	\$44,321.00	
2004	INDIANA	TWIN BROOK COAL CO.	32030104	4840-124-FG	08-Jun-04	\$65,591.00	2.4
2004	JEFFERSON	BEN HAL MINING COMPANY	33040104	4860-92-FG	22-Dec-04	\$23,700.00	0.8
2004	JEFFERSON	FALLS CREEK ENERGY CO., INC.	33950106	4860-85-FG	14-Jun-04	\$34,200.00	
2004	JEFFERSON	LARRY D. BAUMGARDNER COAL CO., INC.	33030104	4860-83-FG	10-Mar-04	\$24,624.00	
2004	JEFFERSON	MSM COAL COMPANY, INC.	33020106	4860-86-FG	06-Aug-04	\$2,600.00	
2004	JEFFERSON	ORIGINAL FUELS, INC.	33040101	4860-87-FG	31-Aug-04	\$80,000.00	
2004	NORTHUMBERLAND	MID VALLEY COAL SALES, INC.	49970203	4810-14-FG	12-Mar-04	\$7,631.00	
2004	SCHUYLKILL	CHAR-PAC COAL COMPANY	54040101	4810-16-FG	15-Sep-04	\$56,137.00	
2004	SCHUYLKILL	GALE MINING COMPANY	54030102	4810-12-FG	26-Feb-04	\$20,465.00	5.9
2004	SCHUYLKILL	JETT CONTRACTING CO	54030103	4810-15-FG	21-Apr-04	\$54,042.00	13.0
2004	SCHUYLKILL	JETT CONTRACTING CO	54850108	4810-13-FG	27-May-04	\$20,227.00	

Appendix D
Remining Financial Guarantees to Insure Reclamation Project List

Year	County Name	Company Name	Permit	FG Number	Issuance Date	\$ Value of F G	Reclaimed AML Acres
2004	SCHUYLKILL	JOE KUPERAVAGE COAL CO	54000103	4810-17-FG	03-Sep-04	\$29,736.00	4.1
2004	SCHUYLKILL	JOE KUPERAVAGE COAL CO	54693031	4810-10-FG	06-Jan-04	\$0.00	
2004	SCHUYLKILL	MOUNTAINTOP COAL MINING, INC.	54960101	4810-11-FG	10-Mar-04	\$0.00	
2004	SOMERSET	ALVERDA ENTERPRISES, INC.	56020105	4840-125-FG	01-Sep-04	\$76,200.00	
2004	SOMERSET	FIEG BROTHERS	56040103	4840-132-FG	23-Nov-04	\$63,436.00	
2004	SOMERSET	RITCHIE TRUCKING & EXCAVATING INC	56950110	4840-116-FG	22-Mar-04	\$80,000.00	
2004	WESTMORELAND	SOSKO COAL COMPANY, INC.	65030103	4830-70-FG	07-Apr-04	\$53,788.00	21.3
2005	BEDFORD	BLACK DOG MINING INC	05773002	4840-139-FG	30-Aug-05	\$43,600.00	
2005	BUTLER	QUALITY AGGREGATES INC.	10030101	4860-96-FG	02-Nov-05	\$24,400.00	
2005	CAMBRIA	E. P. BENDER COAL CO., INC.	11010102	4840-138-FG	08-Mar-05	\$44,249.00	
2005	CAMBRIA	E. P. BENDER COAL CO., INC.	11020101	4840-136-FG	06-Jun-05	\$35,879.00	9.8
2005	CAMBRIA	E. P. BENDER COAL CO., INC.	11040101	4840-137-FG	27-May-05	\$50,788.00	
2005	CAMERON	Allegheny Enterprises, Inc.	12040101	4820-141-FG	21-Jan-05	\$80,000.00	
2005	CAMERON	Allegheny Enterprises, Inc.	12040102	4820-148-FG	17-Nov-05	\$65,953.00	
2005	CARBON	ROSSI EXCAVATING COMPANY	13010201	4810-24-FG	28-Jun-05	\$72,700.00	
2005	CARBON	ROSSI EXCAVATING COMPANY	13010201	4810-39-FG	06-Dec-05	\$7,626.00	
2005	CLEARFIELD	HEPBURNIA COAL COMPANY	17000102	4820-142-FG	26-Apr-05	\$33,096.00	
2005	CLEARFIELD	HEPBURNIA COAL COMPANY	17040103	4820-145-FG	03-Aug-05	\$80,000.00	
2005	CLEARFIELD	JOHNSON BROTHERS COAL CO.	17020902	4820-146-FG	13-Jun-05	\$12,916.00	
2005	CLEARFIELD	KASUBICK BROS. COAL CO.	17820129	4820-144-FG	04-Apr-05	\$15,300.00	
2005	CLEARFIELD	SKY HAVEN COAL INC.	17020114	4820-143-FG	16-Mar-05	\$80,000.00	
2005	CLEARFIELD	SWISHER CONTRACTING, INC.	17040111	4820-147-FG	02-Sep-05	\$51,800.00	
2005	COLUMBIA	BLASCHAK COAL CORPORATION	19950101	4810-18-FG	17-Feb-05	\$77,532.00	
2005	COLUMBIA	CITY OF PHILA TRUSTEE FOR GIRARD ESTATE	19960101	4810-21-FG	06-Jun-05	\$100,000.00	
2005	INDIANA	ALVERDA ENTERPRISES, INC.	32000104	4840-140-FG	26-Sep-05	\$2,518.00	
2005	INDIANA	KMP ASSOC INC	32040104	4840-135-FG	13-Jun-05	\$40,600.00	
2005	INDIANA	KMP ASSOC INC	32990110	4840-128-FG	15-Feb-05	\$29,600.00	3.3
2005	LUZERNE	HAZLETON SHAFT CORPORATION	40990101	4810-31-FG	15-Jun-05	\$73,269.00	
2005	LUZERNE	ROSSI EXCAVATING COMPANY	40020201	4810-27-FG	20-Sep-05	\$0.00	

Appendix D
Remining Financial Guarantees to Insure Reclamation Project List

Year	County Name	Company Name	Permit	FG Number	Issuance Date	\$ Value of F G	Reclaimed AML Acres
2005	SCHUYLKILL	CHAR-PAC COAL COMPANY	54040101	4810-26-FG	15-Jun-05	\$23,863.00	
2005	SCHUYLKILL	GALE COAL COMPANY, INC.	54980103	4810-25-FG	18-Mar-05	\$21,461.00	
2005	SCHUYLKILL	GALE MINING COMPANY	54030102	4810-19-FG	06-Apr-05	\$25,018.00	
2005	SCHUYLKILL	JOE KUPERAVAGE COAL CO	54693031	4810-30-FG	06-Sep-05	\$27,358.00	
2005	SCHUYLKILL	N & L COAL COMPANY	54920101	4810-28-FG	03-Nov-05	\$4,727.00	
2005	SCHUYLKILL	N & L COAL COMPANY	54920101	4810-23-FG	08-Aug-05	\$5,805.00	
2005	SCHUYLKILL	PARK MINE COAL CO	54050101	4810-33-FG	13-Oct-05	\$79,618.00	
2005	SCHUYLKILL	SUMMIT ANTHRACITE, INC	54040103	4810-20-FG	22-Apr-05	\$100,000.00	
2005	SOMERSET	RITCHIE TRUCKING & EXCAVATING INC	56890111	4840-134-FG	08-Mar-05	\$80,000.00	
2005	SOMERSET	RITCHIE TRUCKING & EXCAVATING INC	56990102	4840-133-FG	15-Mar-05	\$79,800.00	
2005	VENANGO	BEN HAL MINING COMPANY	61040102	4860-94-FG	10-Jan-05	\$6,000.00	
2005	VENANGO	BEN HAL MINING COMPANY	61050101	4860-95-FG	21-Oct-05	\$12,020.00	
2005	WASHINGTON	MULLIGAN MINING, INC.	63020102	4830-73-FG	24-Feb-05	\$22,150.00	35.0
2006	CAMERON	Allegheny Enterprises, Inc.	12040102	4820-151-FG	11-May-06	\$34,047.00	
2006	CLARION	H.W.TRUITT COAL COMPANY, INC.	16050110	4860-98-FG	09-Mar-06	\$62,965.00	
2006	CLARION	ORIGINAL FUELS, INC.	16050110	4860-99-FG	22-Jun-06	\$62,965.00	
2006	CLEARFIELD	E. P. BENDER COAL CO., INC.	17030104	4820-159-FG	04-Dec-06	\$91,589.00	1.5
2006	CLEARFIELD	FORCEY COAL, INC.	17020101	4820-157-FG	22-Sep-06	\$41,062.00	
2006	CLEARFIELD	FORCEY COAL, INC.	17040109	4820-149-FG	03-Mar-06	\$34,646.00	
2006	CLEARFIELD	FORCEY COAL, INC.	17970106	4820-150-FG	27-Feb-06	\$27,499.00	
2006	CLEARFIELD	HEPBURNIA COAL COMPANY	17000102	4820-152-FG	15-Mar-06	\$66,904.00	
2006	CLEARFIELD	HEPBURNIA COAL COMPANY	17050104	4820-156-FG	03-Aug-06	\$100,000.00	
2006	CLEARFIELD	HILLTOP COAL COMPANY	17030115	4820-158-FG	31-Oct-06	\$47,455.00	
2006	CLEARFIELD	SKY HAVEN COAL INC.	17010104	4820-46-cfg	28-Jun-06	\$91,584.00	
2006	CLEARFIELD	SKY HAVEN COAL INC.	17030120	4820-153-FG	27-Mar-06	\$27,416.00	
2006	COLUMBIA	N & L COAL COMPANY	19950102	4810-29-FG	12-Jan-06	\$44,411.00	
2006	INDIANA	KMP ASSOC INC	32040105	4840-144-FG	13-Feb-06	\$12,257.00	
2006	INDIANA	KRAYNAK COAL COMPANY	32960103	4840-145-FG	07-Apr-06	\$43,706.00	11.1
2006	INDIANA	MILLWOOD DEV INC	32010101	4840-148-FG	02-Oct-06	\$55,067.00	

Appendix D
Remining Financial Guarantees to Insure Reclamation Project List

Year	County Name	Company Name	Permit	FG Number	Issuance Date	\$ Value of F G	Reclaimed AML Acres
2006	INDIANA	SHORT BROS INC	32050104	4840-141-FG	13-Feb-06	\$80,000.00	
2006	INDIANA	SIMPSON COAL COMPANY	32030107	4840-150-FG	20-Nov-06	\$2,999.00	
2006	JEFFERSON	COOKPORT COAL CO. INC.	33050103	4860-97-FG	09-Mar-06	\$94,900.00	
2006	JEFFERSON	STRISHOCK COAL COMPANY	33820149	4860-100-FG	23-Jun-06	\$65,800.00	
2006	LUZERNE	ROSSI EXCAVATING COMPANY	40020201	4810-46-FG	09-Aug-06	\$0.00	
2006	MERCER	BEN HAL MINING COMPANY	43060101	4860-101-FG	07-Nov-06	\$100,000.00	
2006	NORTHUMBERLAND	Farragut Anthracite Company	49860102	4810-42-FG	13-Sep-06	\$77,431.87	
2006	NORTHUMBERLAND	Mallard Contracting Company, Inc.	49663009	4810-54-FG	21-Dec-06	\$91,327.00	
2006	NORTHUMBERLAND	MID VALLEY COAL SALES, INC.	49970203	4810-38-FG	10-Jul-06	\$33,829.00	
2006	SCHUYLKILL	Bell Corporation	54850104	4810-41-FG	06-Jul-06	\$15,143.00	
2006	SCHUYLKILL	BLASCHAK COAL CORPORATION	54060101	4810-49-FG	24-Aug-06	\$80,000.00	
2006	SCHUYLKILL	BLASCHAK COAL CORPORATION	54683045	4810-01-FG	01-Sep-06	\$0.00	47.5
2006	SCHUYLKILL	CITY OF PHILA TRUSTEE FOR GIRARD ESTATE	54840106	4810-40-FG	20-Jun-06	\$79,470.53	
2006	SCHUYLKILL	GALE MINING COMPANY	54030102	4810-37-FG	28-Apr-06	\$25,070.00	
2006	SCHUYLKILL	JETT CONTRACTING CO	54850108	4810-50-FG	17-Oct-06	\$3,509.00	
2006	SCHUYLKILL	JOE KUPERAVAGE COAL CO	54000103	4810-48-FG	28-Aug-06	\$3,547.00	4.1
2006	SCHUYLKILL	JOE KUPERAVAGE COAL CO	54830109	4810-43-FG	06-Oct-06	\$92,680.16	
2006	SCHUYLKILL	Kuperavage Enterprises, Inc.	54060102	4810-44-FG	04-Dec-06	\$23,710.44	
2006	SCHUYLKILL	MOUNTAINTOP COAL MINING, INC.	54960101	4810-47-FG	17-Nov-06	\$57,510.00	
2006	SCHUYLKILL	Premium Fine Coal Co., Inc.	54970101	4810-51-FG	08-Nov-06	\$76,347.00	
2006	SCHUYLKILL	READING ANTHRACITE CO	54040201	4810-36-FG	20-Jun-06	\$80,000.00	
2006	SCHUYLKILL	SELKIRK ENTERPRISES, LLC	54830107	4810-35-FG	24-Feb-06	\$80,000.00	
2006	SCHUYLKILL	SUMMIT ANTHRACITE, INC	54020101	4810-34-FG	05-Jan-06	\$9,832.00	
2006	SCHUYLKILL	TUSCARORA MINES AND MINERALS CORP	54900105	4810-22-FG	22-Feb-06	\$15,543.00	
2006	SOMERSET	HOFFMAN MINING, INC.	56040105	4840-143-FG	28-Feb-06	\$86,615.00	
2006	SOMERSET	HOFFMAN MINING, INC.	56050104	4840-142-FG	14-Mar-06	\$76,425.00	
2006	WESTMORELAND	SOSKO COAL COMPANY, INC.	65060104	4830-75-FG	12-Oct-06	\$67,427.00	

Appendix E
Bond Credits

Years 1997 - 2006

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
Clearfield	2006	Sky Haven Coal	07/ 2006	14.7	\$335,968	0	0
		Totals		45.3		31.0	\$217,271

