

CLEARFIELD COUNTY

Operators and Mines/ or Surface Mine Permit No.	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening						Number and Type Lamps Used			Pounds of Explosives Used			
			Shaft		Slope		Drift	Gas-	Non-	Flame	Elec-	Ammonium	Dynamite	Other Permis- sible (Name)	
			Depth	Length	Degrees	Drift	eous	Gas-	Open						Safety
Andray Mining Co. 17793018	LF Rider/LF/UMK	16-42	-	-	-	-	-	-	-	-	-	218,390	2,647	5,184*	
Arcadia Co. Inc., The 17850110	Mahoning/ULF/UK	27-28-30	-	-	-	-	-	-	-	-	-	-	-	-	
17860146	Mahoning/ULF/UK	27-28-30	-	-	-	-	-	-	-	-	-	124,700	631	-	
												<b>TOTAL</b>	<b>124,700</b>	<b>631</b>	<b>-</b>
Avery Coal Co., Inc. 17820151	UMK	10-26	-	-	-	-	-	-	-	-	-	558,065	4,205	-	
B & M Energy Resources Corp. 17870106	ULF	20	-	-	-	-	-	-	-	-	-	-	-	-	
Baumgardner Coal Co., Inc., Larry D. 17880108	UMLK	18-26	-	-	-	-	-	-	-	-	-	312,605	1,248	5,025	
Bender Coal Co., E. P. 17880107	ULF	12-32	-	-	-	-	-	-	-	-	-	154,460	2,100	-	
17890101	Mahoning/ULF	24-30-32	-	-	-	-	-	-	-	-	-	654,695	6,202	-	
Auger-BAM 40216			-	-	-	-	-	-	-	-	-	-	-	-	
												<b>TOTAL</b>	<b>809,155</b>	<b>8,302</b>	<b>-</b>
Brown, Inc., E. M. 17820146	UK	24	-	-	-	-	-	-	-	-	-	-	-	-	
17820175	Clarion	28	-	-	-	-	-	-	-	-	-	-	-	-	
17840142	LF	38	-	-	-	-	-	-	-	-	-	381,495	1,535	-	
17860136	UK	28	-	-	-	-	-	-	-	-	-	-	-	-	
												<b>TOTAL</b>	<b>381,495</b>	<b>1,535</b>	<b>-</b>

CLEARFIELD COUNTY (continued)

Operators and Mines/ or Surface Mine Permit No.	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening						Number and Type Lamps Used			Pounds of Explosives Used			
			Shaft		Slope		Drift	Gas-	Non-	Flame	Elec-	Ammonium	Dynamite	Other Permis- sible (Name)	
			Depth	Length	Degrees	Drift	eous	eous	Open						Safety
Bulldog Coal Co., Inc. 17890125 17910105	ULF LF	48 48	-	-	-	-	-	-	-	-	-	-	-	-	-
Carlin, Inc., R.S. 17793140	UMK	12-20	-	-	-	-	-	-	-	-	-	956,500	3,680	6,531*	
C & K Coal Co. 17880104 17890113	LF UF	20 24	-	-	-	-	-	-	-	-	-	22,520 1,151,944	93 4,693	253* 9,399*	
												<b>TOTAL</b>	<b>1,174,464</b>	<b>4,786</b>	<b>9,652</b>
Cloe Mining Co., Inc. 17890118	MK	30	-	-	-	-	-	-	-	-	-	105,010	701	1,230*	
Cowfer Contracting, Inc., James I. 17820152 17830119 3266BSM76 & 4471BSM19	Bituminous Bituminous Bituminous	28 24 28	-	-	-	-	-	-	-	-	-	- 208,900 763,450	- 986 3,652	- - -	
												<b>TOTAL</b>	<b>972,350</b>	<b>4,638</b>	<b>-</b>
Doverspike Bros. Coal Co. 17900116	Luthersburg/MK	22-28	-	-	-	-	-	-	-	-	-	189,980	2,179	3,654*	
Dressler, W. Ruskin 17900101 Auger-BAM 40239	UK UK	28-32 27	-	-	-	-	-	-	-	-	-	-	-	-	
Ecklund Coal Co., Inc. 17900136	LUF	24	-	-	-	-	-	-	-	-	-	-	-	-	

CLEARFIELD COUNTY (continued)

Operators and Mines/ or Surface Mine Permit No.	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening						Number and Type Lamps Used			Pounds of Explosives Used			
			Shaft Depth	Slope		Drift Drift	Gas- eous	Non- Gas- eous	Open	Flame Safety	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)	
				Length	Degrees										
<b>TOTAL</b>													124,417	535	2,963
<b>TOTAL</b>													124,417	535	2,963
<b>TOTAL</b>													1,218	32,920	140*
<b>TOTAL</b>													180,195	693,245	1,026*
<b>TOTAL</b>													181,413	726,165	1,166
<b>TOTAL</b>													-	-	-
<b>TOTAL</b>													30,156	612	-
<b>TOTAL</b>													251,437	4,751	-
<b>TOTAL</b>													251,437	4,751	-
<b>TOTAL</b>													-	-	-
<b>TOTAL</b>													174,000	131	785#
<b>TOTAL</b>													-	-	-
<b>TOTAL</b>													366,643	1,283	2,200#
<b>TOTAL</b>													263,022	2,524	2,635#
<b>TOTAL</b>													111,246	1,449	825#
<b>TOTAL</b>													465,000	8,999	68,305#

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CLEARFIELD COUNTY (continued)

Operators and Mines/ or Surface Mine Permit No.	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening						Number and Type Lamps Used			Pounds of Explosives Used			
			Shaft Depth	Slope		Drift Drift	Gas- eous	Non- Gas- eous	Flame Open	Elec- Safety	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)	
				Length	Degrees										
Hamilton Contracting Co., A1 (cont)															
17820145	LK	22	-	-	-	-	-	-	-	-	-	1,573,237	3,656	2,340#	
17820166	LF	28	-	-	-	-	-	-	-	-	-	4,550	84	-	
17830129	LF/Stumps	8-20	-	-	-	-	-	-	-	-	-	65,151	210	241#	
17840124	UMK	1-20-30	-	-	-	-	-	-	-	-	-	408	157	-	
17840131	LF/Stumps	30	-	-	-	-	-	-	-	-	-	708,696	2,676	3,223#	
17860122	ULF	24	-	-	-	-	-	-	-	-	-	40,635	2,161	-	
17870112	UK	24	-	-	-	-	-	-	-	-	-	8,758	282	73	
17870117	UK	24	-	-	-	-	-	-	-	-	-	-	-	-	
17890105	ULF	24-30	-	-	-	-	-	-	-	-	-	296,715	913	1,043#	
17890121	UK	24	-	-	-	-	-	-	-	-	-	540,035	1,989	1,515#	
												<b>TOTAL</b>	<b>4,618,096</b>	<b>26,514</b>	<b>83,185</b>
Hanslovian Coal Co., Inc., Ed															
17870116	UMLK	17-24-36	-	-	-	-	-	-	-	-	-	171,105	7,650	5,865*	
17900114	UMLK	17-24-36	-	-	-	-	-	-	-	-	-	30,195	1,350	1,035*	
												<b>TOTAL</b>	<b>201,300</b>	<b>9,000</b>	<b>6,900</b>
Hartman Contractor, Warren C.															
17783109	Clarion 1 & 2	18-24	-	-	-	-	-	-	-	-	-	20,122	1,431	512*	
Hepburnia Coal Co.															
17803104	ULF/UK	23	-	-	-	-	-	-	-	-	-	368,110	3,996	-	
17803173	UF	19	-	-	-	-	-	-	-	-	-	11,255	302	-	
17820139	LUF	24	-	-	-	-	-	-	-	-	-	225,685	6,065	-	
17830120	LUF	22	-	-	-	-	-	-	-	-	-	49,775	778	-	
17830136	LF	24	-	-	-	-	-	-	-	-	-	338,777	1,791	-	
17850103	UK/LF	18	-	-	-	-	-	-	-	-	-	85,455	1,433	-	
17850106	LMK	28	-	-	-	-	-	-	-	-	-	59,620	1,083	-	
17850133	LUF	24	-	-	-	-	-	-	-	-	-	117,915	1,666	-	
17850135	UK/LUF	35	-	-	-	-	-	-	-	-	-	213,514	3,407	-	

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CLEARFIELD COUNTY (continued)

Operators and Mines/ or Surface Mine Permit No.	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening					Number and Type Lamps Used			Pounds of Explosives Used		
			Shaft Depth	Slope		Drift Drift	Gas- eous	Non- Gas- eous	Flame Open	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)
				Length	Degrees								
Hepburnia Coal Co., Inc. (cont)													
17880101	UMK	27	-	-	-	-	-	-	-	-	61,825	1,012	-
17880119	UK	30	-	-	-	-	-	-	-	-	102,755	1,593	-
17890119	LUF	24-30	-	-	-	-	-	-	-	-	211,610	2,359	-
17890120	UF	30	-	-	-	-	-	-	-	-	420,320	5,146	-
17900121	LUF	21	-	-	-	-	-	-	-	-	344,993	5,164	-
17900134	LUF	21	-	-	-	-	-	-	-	-	-	-	-
TOTAL										2,611,609	35,795	-	
Hilltop Coal Co.													
17900107	LF	60	-	-	-	-	-	-	-	-	-	-	-
J & E Walker													
17840135	Clarion 1 & 2	16-20	-	-	-	-	-	-	-	-	-	-	-
Kasubick Bros. Coal Co.													
17820129	LK	20	-	-	-	-	-	-	-	-	19,500	410	-
K & J Coal Co., Inc.													
17820176	UF	23	-	-	-	-	-	-	-	-	382,520	1,104	56,557
17830113	UF	15	-	-	-	-	-	-	-	-	80,090	449	12,024
TOTAL										462,610	1,553	68,581(a)	
King Coal Sales, Inc.													
17850127	UMK	14-16	-	-	-	-	-	-	-	-	1,424,243	9,614	-
17880109	UMK	22-26	-	-	-	-	-	-	-	-	152,381	918	-
17900112	LUF	38	-	-	-	-	-	-	-	-	-	-	-
TOTAL										1,576,624	10,532	-	
Kitko, Frances B.													
17870102	Freeport	48	-	-	-	-	-	-	-	-	-	-	-

CLEARFIELD COUNTY (continued)

Operators and Mines/ or Surface Mine Permit No.	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening						Number and Type Lamps Used			Pounds of Explosives Used			
			Shaft Depth	Slope		Drift Drift	Gas- eous	Non- Gas- eous	Open	Flame Safety	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)	
				Length	Degrees										
Larson Enterprises, Inc.															
17820181	MUK	15-24	-	-	-	-	-	-	-	-	-	580,562	7,283	-	
17860131	UK	14	-	-	-	-	-	-	-	-	-	69,100	750	-	
												<b>TOTAL</b>	<b>649,662</b>	<b>8,030</b>	<b>-</b>
Linn Corporation															
17870129	UK	24	-	-	-	-	-	-	-	-	-	-	-	-	
Long Coal Co., A. W.															
17714022	Kittanning	18	-	-	-	-	-	-	-	-	-	-	-	-	
L. T. Contracting, Inc.															
17850117	MK	24	-	-	-	-	-	-	-	-	-	192,035	4,704	-	
17900131	Clarion 2 & 3	12	-	-	-	-	-	-	-	-	-	263,865	3,391	-	
												<b>TOTAL</b>	<b>455,900</b>	<b>8,095</b>	<b>-</b>
Maud Mining Co.															
17900111	MK/ULF	18-24-45	-	-	-	-	-	-	-	-	-	563,140	12,282	-	
M. B. Energy, Inc.															
1781400	LF	24	-	-	-	-	-	-	-	-	-	-	-	-	
17823190	UF	24	-	-	-	-	-	-	-	-	-	-	-	-	
17840132	ULF/UK	23-26	-	-	-	-	-	-	-	-	-	373,300	1,465	-	
17850114	ULF	30-32	-	-	-	-	-	-	-	-	-	-	-	-	
17850120	LF/UK	23-26	-	-	-	-	-	-	-	-	-	1,088,800	3,482	-	
17860123	ULF	25	-	-	-	-	-	-	-	-	-	62,120	1,413	-	
17880111	ULF	26-36	-	-	-	-	-	-	-	-	-	-	-	-	
17900103	UMK/ULF	19-25-28	-	-	-	-	-	-	-	-	-	1,135,800	3,560	-	
17900115	LF/UK	27-28	-	-	-	-	-	-	-	-	-	-	-	-	
Auger-BAM 40222	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
												<b>TOTAL</b>	<b>2,660,020</b>	<b>9,920</b>	<b>-</b>

CLEARFIELD COUNTY (continued)

Operators and Mines/ or Surface Mine Permit No.	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening						Number and Type Lamps Used			Pounds of Explosives Used						
			Shaft	Slope		Drift	Gas- eous	Non- Gas- eous	Flame Open	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)					
				Depth	Length									Degrees	Drift			
McDonald Land & Mining Co., Inc.																		
17840126	Mahoning/ULF	12-24-33	-	-	-	-	-	-	-	-	-	49,400	707	-				
17840150	ULK	10-25	-	-	-	-	-	-	-	-	-	147,100	1,865	-				
17880115	UK	25	-	-	-	-	-	-	-	-	-	375,344	8,639	406,807				
17890109	LUF	28-32	-	-	-	-	-	-	-	-	-	-	-	-				
17900109	LUF/Mahoning	20-22-24	-	-	-	-	-	-	-	-	-	94,750	1,763	-				
												TOTAL	666,594	12,974	406,807			
McGovern Coal Co., Clair																		
17860142	MK	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Midway Excavating																		
17820135	Mahoning/LF	38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M & M Construction Co., Inc.																		
17870114	MK	12	-	-	-	-	-	-	-	-	-	7	300	-				
Moshannon Falls Mining Co., Inc.																		
17850144	LUF/	18-23	-	-	-	-	-	-	-	-	-	241,348	-	4,191#				
17900132	LF	-	-	-	-	-	-	-	-	-	-	-	-	-				
												TOTAL	241,348	-	4,191			
Mustang Coal & Contracting Corp.																		
17860114	LK	38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
17890106	LK	38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
												TOTAL	-	-	-			
Northern Counties Coal Co., Inc.																		
17743172	LMUK	18-24-48	-	-	-	-	-	-	-	-	-	225,241	2,703	4,554*				
17820180	LMUK	18-24-48	-	-	-	-	-	-	-	-	-	486,812	5,841	9,842*				

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CLEARFIELD COUNTY (continued)

Operators and Mines/ or Surface Mine Permit No.	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening					Number and Type Lamps Used			Pounds of Explosives Used				
			Shaft		Slope		Drift	Gas-	Non-	Flame	Elec-	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)	
			Depth	Length	Degrees	Drift	eous	eous	Open						Safety
Northern Counties															
Coal Co., Inc. (Cont)															
17860111	Clarion 3/Mercer/MK	19-28-36	-	-	-	-	-	-	-	-	-	2,550	907	233*	
17860120	UK/LF	21-24	-	-	-	-	-	-	-	-	-	502,380	16,432	3,445*	
17880124	LF/UK	28-36	-	-	-	-	-	-	-	-	-	531,330	47,985	2,841*	
17900106	LMUK	18-24-48	-	-	-	-	-	-	-	-	-	14,532	174	294*	
17900129	ULF	36	-	-	-	-	-	-	-	-	-	8,000	378	46*	
												<b>TOTAL</b>	<b>1,770,845</b>	<b>74,420</b>	<b>21,255</b>
Original Fuels, Inc.															
17890110	LF	28	-	-	-	-	-	-	-	-	-	-	-	-	
Penn-Grampian Coal Co.															
17840120	ULF/Mahoning	24-26	-	-	-	-	-	-	-	-	-	537,700	5,073	3,009*	
17870104	LK/LF	28-30	-	-	-	-	-	-	-	-	-	8,070	239	85*	
17910102	UF	24	-	-	-	-	-	-	-	-	-	840	89	13*	
												<b>TOTAL</b>	<b>546,610</b>	<b>5,401</b>	<b>3,107</b>
Philipsburg Family Fun, Inc.															
17890123	Clarion 1 & 2	36	-	-	-	-	-	-	-	-	-	-	-	-	
P & N Coal Co., Inc.															
17743003	UK/LUF	28-36	-	-	-	-	-	-	-	-	-	11,200	96	159	
17793010	UK/LUF	28-36	-	-	-	-	-	-	-	-	-	167,065	3,539	-	
												<b>TOTAL</b>	<b>178,265</b>	<b>3,635</b>	<b>159</b>
Power Operating Co., Inc.															
17673047	UMLK	-	-	-	-	-	-	-	-	-	-	5,088,385	56,158	-	
17820114	UMLK	-	-	-	-	-	-	-	-	-	-	-	-	-	
17860144	UK	-	-	-	-	-	-	-	-	-	-	5,033	448	-	
												<b>TOTAL</b>	<b>5,093,418</b>	<b>56,606</b>	<b>-</b>

CLEARFIELD COUNTY (continued)

Operators and Mines/ or Surface Mine Permit No.	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening						Number and Type Lamps Used			Pounds of Explosives Used		
			Shaft Depth	Slope Length	Drift Degrees	Drift	Gas- eous	Non- Gas- eous	Open	Flame Safety	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)
Ratay Coal, Inc. 17830134	ULK/LF	24-40-42	-	-	-	-	-	-	-	-	-	173,318	1,103	1,849*
Reese Coal Co., Inc. Philip 17814033	ULMK	18-32-34	-	-	-	-	-	-	-	-	-	472,000	4,500	-
River Hill Coal Co., Inc. 17663047	MUK/LF	20-27	-	-	-	-	-	-	-	-	-	521,000	2,704	-
17753050	MUK/LF	26-42	-	-	-	-	-	-	-	-	-	989,900	5,137	-
17803045	LF/UMK	12-24	-	-	-	-	-	-	-	-	-	937,800	4,868	-
17803049	MUK/LF	19-65	-	-	-	-	-	-	-	-	-	364,700	1,892	-
17813046	MUK/LF	12-65	-	-	-	-	-	-	-	-	-	1,875,602	9,732	-
17820160	MUK/LF	20-27	-	-	-	-	-	-	-	-	-	521,000	2,704	-
17840123	MUK/LF	14-29	-	-	-	-	-	-	-	-	-	-	-	-
17860112	MUK/LF	12-32	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>											<b>5,210,002</b>	<b>31,537</b>	<b>-</b>	
Roy Coal Co. 17743165	UMK	15-30	-	-	-	-	-	-	-	-	-	32,200	9,500	-
Ryan Brothers Coal Co. 17803006	LUF	24-26	-	-	-	-	-	-	-	-	-	-	-	-
17860134	LUF	24-26	-	-	-	-	-	-	-	-	-	-	-	-
Shale Hill Coal Co. 17803105	ULF	21	-	-	-	-	-	-	-	-	-	-	-	-
17880119	UK	30	-	-	-	-	-	-	-	-	-	102,755	1,593	-
<b>TOTAL</b>											<b>102,755</b>	<b>1,593</b>	<b>-</b>	
Sky Haven Coal, Inc. 17683148	MUK	24	-	-	-	-	-	-	-	-	-	199,356	-	-
17743172	ULK	30	-	-	-	-	-	-	-	-	-	114,900	-	-

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Operators and Mines/ or Surface Mine Permit No.	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening				Gas- eous	Non- Gas- eous	Number and Type Lamps Used			Pounds of Explosives Used		Other Permis- sible (Name)
			Shaft Depth	Slope		Drift Drift			Open	Flame Safety	Elec- tric	Ammonium Nitrate	Dynamite	
				Length	Degrees									
Sky Haven Coal, Inc. (Cont)														
17753116	UK/LF	30	-	-	-	-	-	-	-	-	-	156,913	-	-
17803094	UK/LUF	40	-	-	-	-	-	-	-	-	-	781,990	-	-
17813084	MUK/LF	24	-	-	-	-	-	-	-	-	-	524,966	-	5,812
17813093	UK/LF	28	-	-	-	-	-	-	-	-	-	283,385	-	1,756
17820104	MUK	20	-	-	-	-	-	-	-	-	-	408,140	-	2,501
17820131	MUK	24	-	-	-	-	-	-	-	-	-	53,913	-	428
17820182	UK/LUF	30	-	-	-	-	-	-	-	-	-	435,527	-	2,740
17830116	LUF	34	-	-	-	-	-	-	-	-	-	19,580	-	146
17840113	UK/LF	30	-	-	-	-	-	-	-	-	-	156,913	-	2,256
17840125	UF/Mahoning	38	-	-	-	-	-	-	-	-	-	349,815	-	1,456
17850124	LMUK	24	-	-	-	-	-	-	-	-	-	170,082	-	1,207
17850143	MUK	24	-	-	-	-	-	-	-	-	-	437,860	-	1,722
17851501	MUK	24	-	-	-	-	-	-	-	-	-	437,860	-	1,722
17860101	UK/LUF	34	-	-	-	-	-	-	-	-	-	236,830	-	2,208
17860108	MK	28	-	-	-	-	-	-	-	-	-	282,845	-	1,446
17860148	UK/LF	28	-	-	-	-	-	-	-	-	-	694,020	-	3,319
17870111	UF	28	-	-	-	-	-	-	-	-	-	154,415	-	779
17870129	MK/ULF	45	-	-	-	-	-	-	-	-	-	366,730	-	2,551
17880103	MK	28	-	-	-	-	-	-	-	-	-	193,460	-	1,266
17880117	LUF	36	-	-	-	-	-	-	-	-	-	-	-	-
17890102	MK/LF	28	-	-	-	-	-	-	-	-	-	22,075	-	113
17890122	UK/LF	30	-	-	-	-	-	-	-	-	-	333,982	-	5,059
17900118	MK	28	-	-	-	-	-	-	-	-	-	321,170	-	-
17900127	MK	36	-	-	-	-	-	-	-	-	-	-	-	-
17900130	UF	18	-	-	-	-	-	-	-	-	-	256,505	-	-
17900146	MK	28	-	-	-	-	-	-	-	-	-	7,155	-	-
											TOTAL	7,400,387	-	38,487
Strishock Coal Co.														
17693009	MLK	24	-	-	-	-	-	-	-	-	-	28,610	239	3,469*
17803096	MLK	24	-	-	-	-	-	-	-	-	-	702,460	2,360	373*
											TOTAL	731,070	2,599	3,842

CLEARFIELD COUNTY (continued)

Operators and Mines/ or Surface Mine Permit No.	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening					Number and Type Lamps Used			Pounds of Explosives Used				
			Shaft Depth	Slope Length	Drift Degrees	Drift Drift	Gas- eous	Gas- eous	Open	Flame Safety	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)	
Swisher Contracting, Inc.															
17890116	Coal	18	-	-	-	-	-	-	-	-	-	41,125	594	3,340	
17900119	Coal	20	-	-	-	-	-	-	-	-	-	4,700	199	125	
												<b>TOTAL</b>	<b>45,825</b>	<b>793</b>	<b>3,465</b>
Thomas Coal Co., Inc.															
17820177	MK/LUF	12-26-32	-	-	-	-	-	-	-	-	-	207,628	2,360	-	
17870119	LK	27	-	-	-	-	-	-	-	-	-	277,578	4,869	-	
17890104	UK/LF	20-26	-	-	-	-	-	-	-	-	-	583,220	6,241	-	
												<b>TOTAL</b>	<b>1,068,426</b>	<b>13,470</b>	<b>-</b>
T & T Clay Co.															
17820161	Kittanning	30	-	-	-	-	-	-	-	-	-	-	-	-	
17870107	Mahoning	12-14	-	-	-	-	-	-	-	-	-	-	-	-	
17900126	Mercer	36-48	-	-	-	-	-	-	-	-	-	3,245	276	-	
												<b>TOTAL</b>	<b>3,245</b>	<b>276</b>	<b>-</b>
Waroquier Coal Co.															
17840138	ULF	24-28	-	-	-	-	-	-	-	-	-	3,929	180,420	-	
Auger 17840138	ULF	24-28	-	-	-	-	-	-	-	-	-	-	-	-	
17850140	UF	26	-	-	-	-	-	-	-	-	-	6,982	81,330	-	
17880106	ULF	24-30	-	-	-	-	-	-	-	-	-	3,624	163,756	-	
Auger 17880106	ULF	24-30	-	-	-	-	-	-	-	-	-	-	-	-	
17880126	ULF	24-26	-	-	-	-	-	-	-	-	-	4,927	280,043	-	
17900139	LF	26	-	-	-	-	-	-	-	-	-	-	-	-	
												<b>TOTAL</b>	<b>19,462</b>	<b>705,549</b>	<b>-</b>
											<b>COUNTY TOTAL</b>	<b>43,984,497</b>	<b>1,814,433</b>	<b>677,745</b>	

Note: \*Caps # Boosters @ Blasting Agent (a) Slurry

Symbols for Geological Name of Coal Bed:

UK - Upper Kittanning      UF - Upper Freeport  
 MK - Middle Kittanning    MF - Middle Freeport  
 LK - Lower Kittanning      LF - Lower Freeport

CLEARFIELD COUNTY ADDENDUM

Operators and Mines/ or Surface Mine Permit No.	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening						Number and Type Lamps Used			Pounds of Explosives Used			
			Shaft	Slope		Drift	Gas- eous	Non- Gas- eous	Flame	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)		
				Depth	Length									Degrees	Drift
Cambria Mills Coal Co., Inc. 17743033	ULF/UK	32	-	-	-	-	-	-	-	-	-	7,500	95	-	
17803034	ULF/ULK	32	-	-	-	-	-	-	-	-	-	60,440	1,021	-	
17840157	ULF/LK	32	-	-	-	-	-	-	-	-	-	-	-	-	
AUGER-BAM 40165															
												<b>TOTAL</b>	<b>67,940</b>	<b>1,116</b>	<b>-</b>
MSM Coal Co., Inc. 17900113	MK	26	-	-	-	-	-	-	-	-	-	-	-	-	
Sky Haven Coal, Inc. 17880118	UK/LUF	26	-	-	-	-	-	-	-	-	-	286,835	-	2,018	
17901601	*	-	-	-	-	-	-	-	-	-	-	-	-	-	
Smith Coal Co., A. A. 17900125 and Auger BAM 40246	Luthersburg MULK	16 24-26-27	-	-	-	-	-	-	-	-	-	13,180	-	164	
Southwest Reclamation, Inc. 17900105	LUF	24-28	-	-	-	-	-	-	-	-	-	-	-	-	
												<b>ADDENDUM TOTAL</b>	<b>367,955</b>	<b>1,116</b>	<b>2,182</b>

Note: \* Tipple

Symbols for Geological Name of Coal Bed:

- UK - Upper Kittanning
- MK - Middle Kittanning
- LK - Lower Kittanning
- UF - Upper Freeport
- MF - Middle Freeport
- LF - Lower Freeport



CLINTON COUNTY

Operators and Mines/ or Surface Mine Permit No.	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening					Gas- eous	Non- Gas- eous	Number and Type Lamps Used			Pounds of Explosives Used		Other Permis- sible (Name)
			Shaft	Slope		Drift	Gas- eous			Non- Gas- eous	Flame Open	Elec- tric	Ammonium Nitrate	Dynamite	
				Depth	Length										
Antrim Mining, Inc. 18820102	Clarion	60	-	-	-	-	-	-	-	-	-	821,005	750	-	
18880101	Clarion	40	-	-	-	-	-	-	-	-	-	-	-	-	
18900101	Clarion	32	-	-	-	-	-	-	-	-	-	162,265	-	-	
												<b>TOTAL</b>	<b>983,270</b>	<b>750</b>	<b>-</b>
Con-Coal, Inc. 18860101	Brookville	30	-	-	-	-	-	-	-	-	-	304,587	7,250	903	
Confer Coal Co. 1879500-5	Brookville	30	-	-	-	-	-	-	-	-	-	138,910	5,125	517	
												<b>COUNTY TOTAL</b>	<b>1,426,767</b>	<b>13,125</b>	<b>1,420</b>

## ELK COUNTY

Operators and Mines/ or Surface Mine Permit No.	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening					Gas- eous	Non- Gas- eous	Number and Type Lamps Used			Pounds of Explosives Used		
			Shaft Depth	Slope		Drift Drift	Flame			Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)		
				Length	Degrees										
Bauer Equipment Sales 24763013	L.F.	40	-	-	-	-	-	-	-	-	-	-	-	-	
Black Oak Development, Inc. 24840105	U.K.	22	-	-	-	-	-	-	-	-	-	52,290	492	-	
24870102	L.F.	30	-	-	-	-	-	-	-	-	-	104,100	344	-	
												<b>TOTAL</b>	<b>156,390</b>	<b>836</b>	<b>-</b>
Energy Resources, Inc. 24880101	U.K./U.L.F.	28	-	-	-	-	-	-	-	-	-	1,015,128	5,857	-	
24880103	L.K.	24	-	-	-	-	-	-	-	-	-	237,810	933	-	
24890101	U.K./L.F.	24	-	-	-	-	-	-	-	-	-	76,000	8,850	-	
24890102	U.L.F./U.K.	28	-	-	-	-	-	-	-	-	-	731,675	25,443	-	
24900104	U.K./L.F.	28	-	-	-	-	-	-	-	-	-	-	-	-	
												<b>TOTAL</b>	<b>2,060,613</b>	<b>41,083</b>	<b>-</b>
Fairview Coal Co. 24820110	L.K.	-	-	-	-	-	-	-	-	-	-	-	-	-	
24840103	U.M.L.K.	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hepburnia Coal Co. 24763006	L.U.F./U.K.	25	-	-	-	-	-	-	-	-	-	104,535	1,925	-	
24820109	L.F./U.M.K.	22	-	-	-	-	-	-	-	-	-	-	-	-	
												<b>TOTAL</b>	<b>104,535</b>	<b>1,925</b>	<b>-</b>
Mottern Coal, Inc., Floyd 24900101	L.K.	36	-	-	-	-	-	-	-	-	-	-	-	-	
Strishock Coal Co. 24820107	M.K.	28	-	-	-	-	-	-	-	-	-	56,417	184	294	
24890107	M.K.	28	-	-	-	-	-	-	-	-	-	507,858	1,657	2,646	
												<b>TOTAL</b>	<b>564,275</b>	<b>1,841</b>	<b>2,940</b>

