



JEFFERSON COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Average Mineral or Height of Seam Inches	Kind of Opening :				Number and Type :				Pounds of Explosives Used		Other Permis- sible (Name)		
			Shaft:	Slope	Drift:	:	Lamps Used	:	:	:	Ammonium Nitrate	Dynamite			
			:	:	:	:	:	:	:	:	:	:	:		
			Gas-:	gas-:	Gas-:	gas-:	Flame	Elec-:	:	:	:	:	:		
			Depth:	Length:	Degrees:	Drift:	eous:	eous:	Open:	Safety:	tric :	:	:		
Doan Coal Co. (Cont)															
38A73SM21	Up. Kitt./Lo. Free.	24	-	-	-	-	-	-	-	-	-	203,220	5,900	-	
38A76SM3	Up. Kitt./Lo. Free.	24	-	-	-	-	-	-	-	-	-	103,580	4,120	-	
38A77SM14	Up. Kitt./Lo. Free.	24	-	-	-	-	-	-	-	-	-	434,800	11,360	-	
												<b>Total</b>	<b>1,360,120</b>	<b>38,790</b>	<b>-</b>
Doverspike Bros. Coal Co.															
33800117	Lo. Kitt.	24	-	-	-	-	-	-	-	-	-	65,174	806	537#	
33800119	Lo. & Mid. Kitt.	60	-	-	-	-	-	-	-	-	-	628,438	5,261	4,317#	
33800128	Lo. Kitt./Up. Free.	48	-	-	-	-	-	-	-	-	-	81,229	758	704#	
33800132	Lo. Kitt.	24	-	-	-	-	-	-	-	-	-	187,910	3,765	2,576#	
33800133	Lo. & Mid. Kitt.	24	-	-	-	-	-	-	-	-	-	-	-	-	
33810115	Lo. Free.	30	-	-	-	-	-	-	-	-	-	45,668	263	230	
33810132	Lo. Kitt.	24	-	-	-	-	-	-	-	-	-	187,910	3,765	2,576	
33820102	Lo. Free.	42	-	-	-	-	-	-	-	-	-	40,070	447	382	
3876SM15	Lo. Kitt.	24	-	-	-	-	-	-	-	-	-	94,984	696	724	
38A76SM18	Mid. Kitt.	24	-	-	-	-	-	-	-	-	-	-	-	-	
3876SM22	Brookville/Clarion	48	-	-	-	-	-	-	-	-	-	489,506	4,113	3,417	
3877SM5	Lo. Free.	36	-	-	-	-	-	-	-	-	-	106,725	820	651	
3877SM21	Up. Free.	30	-	-	-	-	-	-	-	-	-	375,236	2,168	1,909#	
3877SM24	Lo. Free.	30	-	-	-	-	-	-	-	-	-	416,721	3,917	3,246#	
38A77SM40	Lo. & Mid. Kitt.	36	-	-	-	-	-	-	-	-	-	117,710	1,131	1,159	
												<b>Total</b>	<b>2,837,281</b>	<b>27,910</b>	<b>22,428</b>
Esquire Fuel Co.															
33800138	Freeport	24	-	-	-	-	-	-	-	-	-	31,010	-	-	
38A78BC6	Brookville	24	-	-	-	-	-	-	-	-	-	-	-	-	
												<b>Total</b>	<b>31,010</b>	<b>-</b>	<b>-</b>
F & S Fuel Corp., Inc.															
33800130	Lo. Freeport	54	-	-	-	-	-	-	-	-	-	-	-	-	
Eye, Elmer															
3871BSM16	Lo. Freeport	96	-	-	-	-	-	-	-	-	-	-	-	-	
38A76SM1	Lo. Freeport	96	-	-	-	-	-	-	-	-	-	-	-	-	
Gearhart, Alvin															
3872BSM2	Mid. Kitt.	18	-	-	-	-	-	-	-	-	-	-	-	-	

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JEFFERSON COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Average Mineral or Height of Seam Inches	Kind of Opening :				Number and Type :				Pounds of Explosives Used		Other Permis- sible (Name)		
			:Shaft:	Slope	:Drift:	:	:Lamps Used	:	:Flame	:Elec-	Ammonium	Dynamite			
			:Depth:	Length:	Degrees:	Drift:	eous:	eous:	Open:	Safety:	tric :	Nitrate			
Glacial Minerals, Inc. 33800137	Lo. Free.	48	-	-	-	-	-	-	-	-	-	6,800	75	240	
Glen Irvan Corp. 3876SM20	Lo. Free.	23	-	-	-	-	-	-	-	-	-	298,591	1,554	2,405	
Glenn Coal Co., Div. of Champion Coal Co., Inc. 3875SM54	Unknown	-	-	-	-	-	-	-	-	-	-	-	-	-	
3876SM59	Unknown	-	-	-	-	-	-	-	-	-	-	-	-	-	
3877SM17	Unknown	-	-	-	-	-	-	-	-	-	-	-	-	-	
H & R Coal Co. 33800125	Lo. Kitt.	28	-	-	-	-	-	-	-	-	-	18,765	1,050	-	
Harmon Mining Co. 3872SM9	Kitt.	30	-	-	-	-	-	-	-	-	-	309,270	2,610	-	
Hepburnia Coal Co. 33810107	Up. Free.	24	-	-	-	-	-	-	-	-	-	94,852	1,019	686*	
33910110	Up. Free.	24	-	-	-	-	-	-	-	-	-	9,690	225	368*	
												<b>Total</b>	<b>94,542</b>	<b>1,244</b>	<b>1,054</b>
Ingram Coal Co. 3379103	Clarion	22	-	-	-	-	-	-	-	-	-	7,850	-	-	
33820109	Lo. Kitt.	8	-	-	-	-	-	-	-	-	-	-	-	-	
												<b>Total</b>	<b>7,850</b>	<b>-</b>	<b>-</b>
JARO Mining Co. 3379115	Lo. Free.	72	-	-	-	-	-	-	-	-	-	-	-	-	
Kann Coal Co., Inc. 3874SM37	Unknown	-	-	-	-	-	-	-	-	-	-	-	-	-	
KIT Industries 3676SM10	Brookville	60	-	-	-	-	-	-	-	-	-	173,270	3,195	-	
Krach & Gearhart 3380105	Lo. Kitt.	24	-	-	-	-	-	-	-	-	-	14,000	2,200	-	
33810126	Lo. Kitt.	24	-	-	-	-	-	-	-	-	-	-	-	-	
3875SM27	Mid. Kitt.	18	-	-	-	-	-	-	-	-	-	-	-	-	
												<b>Total</b>	<b>14,000</b>	<b>2,200</b>	<b>-</b>

JEFFERSON COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Average		Kind of Opening :			Number and Type :			Pounds of Explosives Used		Other Permis- sible (Name)		
		Mineral :	Height :	Shaft:	Slope :	Drift:	Lamps Used :	Ammonium Nitrate	Dynamite					
	Seam :	Inches :	Depth:	Length:	Degrees:	Drift:	Gas-:gas-:	Open:	Safety:	Elec- tric :				
L & L Burkett 3877SM8	Lo. Kitt.	24	-	-	-	-	-	-	-	-	65,600	686	-	
Markle-Bullers Coal Co. 33810104 3878SM3	Up. Free. Up. Free.	48 48	-	-	-	-	-	-	-	-	877,321 -	14,238 -	4,284* -	
											<b>Total</b>	<b>877,321</b>	<b>14,238</b>	<b>4,284</b>
Maud Mining Co. 33800124 33810103 3874SM36	Up. Kitt. Up. & Lo. Free. Up. Free.	36 36-72 30	-	-	-	-	-	-	-	-	34,350 298,650 81,050	1,450@ 8,320 2,250@	8,220** 2,784* 17,250**	
											<b>Total</b>	<b>414,050</b>	<b>12,020</b>	<b>28,254</b>
Materko, Andrew 3874SM33	Lo. Free.	60	-	-	-	-	-	-	-	-	-	-	-	-
Minich Coal Co. 33800104	Lo. Kitt.	30	-	-	-	-	-	-	-	-	-	-	-	-
Moore Coal Co., Everett 3873SM7 3875SM31 Auger-BAM-913	Up. Free. Lo. Kitt. Lo. Kitt.	38 30 30	-	-	-	-	-	-	-	-	- 120,000 -	- 1,500 -	- 1,100* -	
											<b>Total</b>	<b>120,000</b>	<b>1,500</b>	<b>1,100</b>
North Cambria Fuel Co. 33800142	Up, Lo Free/U Kitt	24-36	-	-	-	-	-	-	-	-	17,385	387	-	
Original Fuels 33810101	Lo. Kitt.	30	-	-	-	-	-	-	-	-	-	-	-	-
P & N Coal Co., Inc. 3069BSM8 3873SM9	Up. Free. Lo. Free.	28 30	-	-	-	-	-	-	-	-	183,990 547,795	11,787 67,660	- -	
											<b>Total</b>	<b>731,785</b>	<b>79,447</b>	<b>-</b>
Penn Minerals Co. 38A76SM16	Lo. & Mid. Kitt.	18-30	-	-	-	-	-	-	-	-	-	-	-	-
R.E.M. Coal Co., Inc. 3379113 33800140	Lo. Kitt. Up. & Lo. Clarion	18 36	-	-	-	-	-	-	-	-	30,035 198,265	403 3,949	- -	

JEFFERSON COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Average Mineral or Height of Seam Inches	Kind of Opening :			Number and Type :			Pounds of Explosives Used			Other Permis- sible (Name)			
			Shaft:	Slope	Drift:	Lamps Used	Non-:	Flame:	Elec-:	Ammonium Nitrate	Dynamite				
			Depth:	Length:	Degrees:	Drift:	eous:	eous:	Open:	Safety:	tric :				
R.E.M. Coal Co., Inc. (Cont)															
33810109	Lo. & Mid. Kitt.	24	-	-	-	-	-	-	-	-	-	87,000	1,071	-	
3800139	Lo. Kitt.	18	-	-	-	-	-	-	-	-	-	-	-	-	
3874SM44	Up. & Lo. Clarion	36	-	-	-	-	-	-	-	-	-	803,165	11,374	-	
3875SM18	Up. & Lo. Free.	48	-	-	-	-	-	-	-	-	-	316,165	2,665	-	
												<b>Total</b>	<b>1,434,630</b>	<b>19,462</b>	<b>-</b>
Round Top Coal, Inc.															
3379114	Lo. Kitt.	24	-	-	-	-	-	-	-	-	-	-	-	-	-
Rosio Coal Co.															
38A77SM23	Lo. Free.	28	-	-	-	-	-	-	-	-	-	6,445	650	-	
Shaffer Mining Corp.															
3379118	Lo. Kitt.	20	-	-	-	-	-	-	-	-	-	-	-	-	-
38A77SM41	Lo. Kitt.	22	-	-	-	-	-	-	-	-	-	-	-	-	-
38A78BC11	Lo. Kitt.	20	-	-	-	-	-	-	-	-	-	-	-	-	-
Sky Haven Coal, Inc.															
3576SM14	Lo. & Mid. Kitt.	24-30	-	-	-	-	-	-	-	-	-	182,406	2,220	-	
Smith Coal Co., A. A.															
3379137	Lo. Kitt.	16-18	-	-	-	-	-	-	-	-	-	21,900	-	4,900#	
Snyder, Marlin L.															
3067BSM16	Up. Free.	48	-	-	-	-	-	-	-	-	-	4,350	-	-	
Spring Valley Coal Co., Inc.															
3878BC8	Unknown	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3878BC10	Unknown	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stahlman Coal Co., Inc.															
33800103	Up. & Lo. Clarion	18-24	-	-	-	-	-	-	-	-	-	339,430	1,297	1,352*	
33800141	Lo Clar/Brookville	30-48	-	-	-	-	-	-	-	-	-	991,032	3,882	4,129*	
38A76SM9	Lo. & Up. Clarion	18-24	-	-	-	-	-	-	-	-	-	126,505	507	497*	
38A76SM14	Lo. Kitt.	24	-	-	-	-	-	-	-	-	-	119,215	477	477*	
38A76SM21	Lo. & Up. Clarion	18-24	-	-	-	-	-	-	-	-	-	1,612,688	3,456	3,571*	
38A78SM3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
												<b>Total</b>	<b>3,188,870</b>	<b>9,549</b>	<b>10,026</b>

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JEFFERSON COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Average Mineral or Height of Seam Inches	Kind of Opening :				Number and Type :			Pounds of Explosives Used			Other Permis- sible (Name)		
			:Shaft:	Slope	:Drift:	:	: Lamps Used	:	:	: Ammonium	Dynamite				
			:Depth:	Length:	Degrees:	Drift:	eous:	eous:	Open:	Safety:	tric :	Nitrate			
Stanford, Richard															
3874SM29	Lo. Kitt.	24	-	-	-	-	-	-	-	-	-	14,820	3,480	-	
3876SM10	Lo. Kitt.	24	-	-	-	-	-	-	-	-	-	-	-	-	
												<b>Total</b>	<b>14,820</b>	<b>3,480</b>	<b>-</b>
Starr Coal Co.															
3068BSM18	Lo. Kitt.	28	-	-	-	-	-	-	-	-	-	-	-	-	
33800112	Lo. Kitt.	28	-	-	-	-	-	-	-	-	-	130,370	4,072	-	
3870BSM6	Lo. Kitt.	28	-	-	-	-	-	-	-	-	-	135,000	2,358	-	
38A77SM3	Lo. Kitt.	28	-	-	-	-	-	-	-	-	-	275,700	3,088	-	
												<b>Total</b>	<b>541,070</b>	<b>9,518</b>	<b>-</b>
Strishock Coal Co.															
3068BSM1	Lo. & Mid. Kitt.	16	-	-	-	-	-	-	-	-	-	253,445)	2,015)	2,675*)	
3069BSM3	Lo. & Mid. Kitt.	16	-	-	-	-	-	-	-	-	-	)	)	)	
33800107	Lo. & Mid. Kitt.	16	-	-	-	-	-	-	-	-	-	)	)	)	
												<b>Total</b>	<b>253,445</b>	<b>2,015</b>	<b>2,675</b>
Sugar Hill Limestone Co.															
33800102	Up. Kitt.	24	-	-	-	-	-	-	-	-	-	94,500	1,328	-	
3872SM6	Up. & Lo. Free.	30	-	-	-	-	-	-	-	-	-	19,900	221	-	
3874SM50	Mid. Kitt.	18	-	-	-	-	-	-	-	-	-	15,110	629	-	
38A77SM20	Mid. Kitt.	18	-	-	-	-	-	-	-	-	-	108,000	1,675	-	
38A77SM32	Lo. Kitt.	22	-	-	-	-	-	-	-	-	-	-	-	-	
												<b>Total</b>	<b>237,510</b>	<b>3,853</b>	<b>-</b>
T & T Co.															
3875SM58	Up. & Lo. Free.	12-32	-	-	-	-	-	-	-	-	-	-	-	-	
Thomas Coal Co., Inc.															
33800129	Up. & Lo. Free.	12-24	-	-	-	-	-	-	-	-	-	78,985	1,345	15,723	
Thomas Fuels, Inc.															
38A76SM22	Freeport	28	-	-	-	-	-	-	-	-	-	124,400	2,496	-	
Thompson Fuel Co.															
33810105	Up. Clarion	20	-	-	-	-	-	-	-	-	-	-	-	-	

JEFFERSON COUNTY

Operators and Mines/ or Mine Drainage Permit NO.	Name of Non- Coal, Coal, or Geological Formation	Average	Kind of Opening :				Number and Type :				Pounds of Explosives Used		Other Permis- sible (Name)
		Mineral	Shaft:	Slope	Drift:	Lamps Used	Non-	Flame	Elec-	Ammonium	Dynsmite		
	of	Height	:	:	:	:	:	:	:	:	Nitrate		
	Seam	Inches	Depth:	Length:	Degrees:	Drift:	eous:	eous:	Open:	Safety:	tric		
U.S. Coal, Inc. 38A77SM35	Unknown	-	-	-	-	-	-	-	-	-	-	-	-
Valier Mining 3379127	Lo. Free.	36	-	-	-	-	-	-	-	-	-	-	-
Yenzi, Jr., John 3875SM42	Up. & Mid. Kitt.	24	-	-	-	-	-	-	-	-	-	-	-
COUNTY TOTAL											17,903,671	327,819	97,828

\*Caps  
#EBC & Nonel  
@Unigel  
\*\*Bionic B Mix  
%Pellite - HD

## LAWRENCE COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Average Mineral or Height of Seam Inches	Kind of Opening					Number and Type			Pounds of Explosives Used		Other Permis- sible (Name)		
			Shaft	Slope	Drift	Gas	Non-	Lamps Used	Flame	Elec-	Ammonium Nitrate	Dynamite			
Ambrosia Coal & Construction Co.															
2566BSM38	Brookfield	27	-	-	-	-	-	-	-	-	-	112,000	4,400	-	
3173SM7	Kittanning	27	-	-	-	-	-	-	-	-	-	-	-	-	
3177SM9	Kittanning	27	-	-	-	-	-	-	-	-	-	55,000	2,000	-	
37820102	Kittanning	27	-	-	-	-	-	-	-	-	-	135,000	5,500	-	
												<b>Total</b>	<b>302,000</b>	<b>11,900</b>	<b>-</b>
Bessemer Cement Co.															
2567BSM6	Allegheny	36	-	-	-	-	-	-	-	-	-	27,150	-	-	
Blum Coal Co.															
3779105	Pittsburgh	30	-	-	-	-	-	-	-	-	-	220,000	4,600	-	
Carlson Mining															
2567BSM5-01-10 Auger	Mid. Kitt.	29	-	-	-	-	-	-	-	-	-	-	-	-	
3174SM9-01-1	Mid. Kitt.	29	-	-	-	-	-	-	-	-	-	297,790	3,445	-	
3174SM9-01-0 Auger	Mid. Kitt.	29	-	-	-	-	-	-	-	-	-	-	-	-	
37810109	Mid. Kitt.	29	-	-	-	-	-	-	-	-	-	94,850	1,525	-	
												<b>Total</b>	<b>392,640</b>	<b>4,970</b>	<b>-</b>
Duff, Glen W.															
731785M1	Mid. Kitt.	28	-	-	-	-	-	-	-	-	-	-	-	-	
Kerry Coal Co.															
3174SM1	Mid. Kitt.	32	-	-	-	-	-	-	-	-	-	35,680	750	14,110	
3174SM3	Mid. Kitt.	32	-	-	-	-	-	-	-	-	-	-	-	-	
3779108	Mid. Kitt.	32	-	-	-	-	-	-	-	-	-	48,860	1,460	4,435	
Auger-BAM-5007	Mid. Kitt.	32	-	-	-	-	-	-	-	-	-	-	-	-	
												<b>Total</b>	<b>84,540</b>	<b>2,210</b>	<b>18,545</b>
Miller & McKnight Coal Co., Inc.															
37800106	Lo. Kitt.	20	-	-	-	-	-	-	-	-	-	-	-	-	
37810104	Mid. Kitt.	28	-	-	-	-	-	-	-	-	-	84,000	5,260	-	
												<b>Total</b>	<b>84,000</b>	<b>5,260</b>	<b>-</b>











SOMERSET COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Average Mineral : or Height of Seam Inches	Kind of Opening :				Number and Type :			Pounds of Explosives Used		Other Permis- sible (Name)			
			:Shaft:	Slope	:Drift:	:Non-:	:Lamps Used	:Elec-:	Ammonium	Dynamite					
			:Depth:	Length:	Degrees:	Drift:	eous:	eous:	Open:	Safety:	tric :	Nitrate	Dynamite		
Coal Junction Coal Co. (Cont)															
4073SM2	Up. Free.	32	-	-	-	-	-	-	-	-	-	356,847	8,037	47,010#	
4176SM7	Up. Bakertown	15	-	-	-	-	-	-	-	-	-	15,200	1,660	7,830#	
56800122	Up. Free.	32	-	-	-	-	-	-	-	-	-	-	-	-	
56810124	L. Free./U. Kitt.	32-48	-	-	-	-	-	-	-	-	-	175,475	3,377	10,140	
												<b>Total</b>	<b>547,522</b>	<b>13,074</b>	<b>64,980</b>
Cooney Bros. Coal Co.															
4174SM3	Brookville	72 1/2	-	-	-	-	-	-	-	-	-	140,000	1,500	-	
Auger-BAM-2001-111	Brookville	72 1/2	-	-	-	-	-	-	-	-	-	-	-	-	
												<b>Total</b>	<b>140,000</b>	<b>1,500</b>	<b>-</b>
Croner, Inc.															
3366BSM80	Pittsburgh	54	-	-	-	-	-	-	-	-	-	-	-	-	
3366BSM101	Sewickley/Redstone	36-48	-	-	-	-	-	-	-	-	-	659,670	8,766	40,380	
3369BSM30	Lo. Free.	28	-	-	-	-	-	-	-	-	-	114,155	2,016	13,470	
4072SM6	Up. Free.	36	-	-	-	-	-	-	-	-	-	-	-	-	
4075SM1	Sewickley/Redstone	36-48	-	-	-	-	-	-	-	-	-	276,940	2,648	2,490	
40A77SM14	Clarion/Up. Kitt.	33	-	-	-	-	-	-	-	-	-	149,020	917	-	
56800119	Up. Kitt.	33	-	-	-	-	-	-	-	-	-	285,520	3,429	540	
												<b>Total</b>	<b>1,485,305</b>	<b>20,424</b>	<b>56,880</b>
D & E Construction Co.															
40A77SM3	Mercer/Quakertown	36	-	-	-	-	-	-	-	-	-	45,585	3,750	34,754	
Diamond T Coal Co.															
3369BSM33	UL Free/LMU Kitt	18-84	-	-	-	-	-	-	-	-	-	793,062	4,634	2,000	
4170BSM3	UL Free/LMU Kitt	18-84	-	-	-	-	-	-	-	-	-	1,850,478	10,814	4,665	
												<b>Total</b>	<b>2,643,540</b>	<b>15,448</b>	<b>6,665</b>
Delta Mining, Inc.															
4071BSM13	Lo. Kitt.	32	-	-	-	-	-	-	-	-	-	81,120	538	780@ 196*	
40A76SM4	Kitt.	36	-	-	-	-	-	-	-	-	-	557,300	7,277	24,773@ 2,649*	
56800113	Mercer	42	-	-	-	-	-	-	-	-	-	889,247	23,378	157,494@ 6,532*	
												<b>Total</b>	<b>1,527,667</b>	<b>31,193</b>	<b>183,047@ 9,377*</b>

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## SOMERSET COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Average Mineral : or Height of Seam Inches	Kind of Opening :				Number and Type :			Pounds of Explosives Used		Other Permis- sible (Name)			
			: Shaft:	: Slope	: Drift:	: : : :	: Lamps Used :	: : : :	: : : :	: Ammonium Nitrate	: Dynamite				
			: Depth:	: Length:	: Degrees:	: Drift:	: eous:	: eous:	: Open:	: Safety:	: Elec- tric :				
East Ridge Mining, Inc. 56800125	Up. & Lo. Kitt.	38-57	-	-	-	-	-	-	-	-	-	19,600	400	-	
East Windber Coal Co. 56810106	Mid. & Up. Kitt.	38-40	-	-	-	-	-	-	-	-	-	-	-	-	
Fetterolf Coal Co., Inc., M.F. 3366BSM62	Up. Free.	36	-	-	-	-	-	-	-	-	-	56,382	2,150	-	
4074SM13	Up. Free.	48	-	-	-	-	-	-	-	-	-	177,390	19,110	-	
												<b>Total</b>	<b>233,772</b>	<b>21,260</b>	
Fetterolf Mining, Inc. 4072SM8	Lo. Kitt.	30	-	-	-	-	-	-	-	-	-	-	-	-	
4173SM8	Up. Kitt.	30	-	-	-	-	-	-	-	-	-	81,286	9,350	-	
4175SM1	Lo. Kitt.	144	-	-	-	-	-	-	-	-	-	541,910	62,400	-	
56800103	Up. Kitt.	30	-	-	-	-	-	-	-	-	-	279,987	32,250	-	
Auger-BAM-2001-78	Lo. Kitt.	72	-	-	-	-	-	-	-	-	-	-	-	-	
												<b>Total</b>	<b>903,183</b>	<b>104,000</b>	
Finzel Coal Co., Inc. 4074SM14 & 56800110	Up. Free.	24	-	-	-	-	-	-	-	-	-	75,430	125,992	1,075*	
Fogle Mining, Inc. 56810102	Up. Bakertown	12	-	-	-	-	-	-	-	-	-	-	-	-	
General Refractories Co. 3369BSM32	Mercer	72	-	-	-	-	-	-	-	-	-	-	150	1,120	
Glessner Mines 4177SM3	Brushcreek	18	-	-	-	-	-	-	-	-	-	35,350	358	287*	
Auger-BAM-2001-71	Brushcreek	18	-	-	-	-	-	-	-	-	-	-	-	-	
												<b>Total</b>	<b>35,350</b>	<b>358</b>	<b>287</b>
Godin & Goden Coal, Inc. 56800107	L.M.U. Kitt.	24-42	-	-	-	-	-	-	-	-	-	602,535	41,150	3,750*	
H & H Coal Co. 40A78SM3	M.L. Kitt.	12	-	-	-	-	-	-	-	-	-	45,290	2,150	4,590@	
5679104	U. & L. Free.	12	-	-	-	-	-	-	-	-	-	72,255	3,710	11,430@	
												<b>Total</b>	<b>117,557</b>	<b>5,860</b>	<b>16,020</b>
Hay, Robert F. 40A78BC8	Lo. Bakertown	30	-	-	-	-	-	-	-	-	-	-	-	-	

## SOMERSET COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Average Mineral or Height of Seam Inches	Kind of Opening :			Number and Type :			Pounds of Explosives Used		Other Permis- sible (Name)				
			:Shaft:	Slope	:Drift:	:Lamps Used	:Non-:	:Elec-:	Ammonium Nitrate	Dynamite					
			:Depth:	Length:	Degrees:	Drift:	eous:	eous:	Open:	Safety:	tric :				
Hill Top Mining, Inc. 56820103	Bakertown	25	-	-	-	-	-	-	-	-	-	33,435	1,764	-	
Iser's Run Coal Co., Inc. 40A785M6	Freeport	12-20	-	-	-	-	-	-	-	-	-	-	-	-	
J & R Coal Co. 5679203	Refuse	-	-	-	-	-	-	-	-	-	-	-	-	-	
K & G Coal Co. 4176SM5	Up. Kitt./L. Free.	108	-	-	-	-	-	-	-	-	-	372,123	5,660	1,600*	
Auger-BAM-2001-24	Up. Kitt.	108	-	-	-	-	-	-	-	-	-	-	-	-	
Auger-BAM-2001-102	Lo. Free.	72	-	-	-	-	-	-	-	-	-	-	-	-	
												<b>Total</b>	<b>372,123</b>	<b>5,660</b>	<b>1,600</b>
Lochrie Coal Co. 4175SM9, 5679117, 56800134, 56800102 & 56800123(a)	Mid. & Up. Kitt.	23-40	-	-	-	-	-	-	-	-	-	-	-	-	
M & M Mining 40A78SM2	Redstone	60	-	-	-	-	-	-	-	-	-	-	-	-	
McClintock, J. Lloyd 4073SM8	Up. & Lo. Free.	24	-	-	-	-	-	-	-	-	-	156,205	4,700	-	
Auger-BAM-2001-115	Lo. Free.	24	-	-	-	-	-	-	-	-	-	-	-	-	
Met Co. Mining & Minerals, Inc. 4074SM27	U., L. Free.	24	-	-	-	-	-	-	-	-	-	60,000	14,000	-	
4078SM2	Up. Kitt.	40	-	-	-	-	-	-	-	-	-	20,000	8,000	-	
												<b>Total</b>	<b>80,000</b>	<b>22,000</b>	<b>-</b>
PBS Coals, Inc. 3366BSM61	Up. Kitt.	108	-	-	-	-	-	-	-	-	-	-	-	-	
4071BSM12A	Up, L Free/U.K.	30-42	-	-	-	-	-	-	-	-	-	726,221	5,430	2,127	
4073SM10	U. & L. Free.	30-36	-	-	-	-	-	-	-	-	-	-	-	-	
4075SM27	L. Free./U. Kitt.	30-42	-	-	-	-	-	-	-	-	-	429,013	7,945	3,616	
40A77SM12	Brookville	72	-	-	-	-	-	-	-	-	-	2,049,168	54,856	2,296	
4177SM5	L. Free./U. Kitt.	30-36	-	-	-	-	-	-	-	-	-	968,436	7,211	3,518	
Auger-BAM-2001-75	Up. Kitt.	108	-	-	-	-	-	-	-	-	-	-	-	-	
Auger-BAM-2001-91	Up. & Lo. Free.	30-36	-	-	-	-	-	-	-	-	-	-	-	-	
												<b>Total</b>	<b>4,172,838</b>	<b>75,442</b>	<b>12,557</b>

## SOMERSET COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Height of Seam Inches	Average Mineral				Kind of Opening				Number and Type			Pounds of Explosives Used		Other Permis- sible (Name)		
			Shaft	Slope	Drift	Other	Shaft	Slope	Drift	Other	Lamps Used	Flame	Elec- tric	Ammonium Nitrate	Dynamite			
			Depth	Length	Degrees	Drift	eous	eous	Open	Safety								
Penn-Maryland Coals, Inc. 40A77SM4	Pittsburgh	180	-	-	-	-	-	-	-	-	-	-	-	-	72,332	9,785	2,060*	
Penn Pocahontas Coal Co., Inc. 3366BSM83	Up. Free./Rider	36	-	-	-	-	-	-	-	-	-	-	-	-	230,540	3,225	-	
3366BSM84	U.L. Free./U. Kitt.	24	-	-	-	-	-	-	-	-	-	-	-	-	1,296,817	15,728	-	
4072SM12	Brookville	42	-	-	-	-	-	-	-	-	-	-	-	-	243,737	1,475	-	
56800133	Pitts., Sewickley	12-48	-	-	-	-	-	-	-	-	-	-	-	-	269,183	3,875	-	
56810127	Lo. Kitt.	30	-	-	-	-	-	-	-	-	-	-	-	-	6,800	200	-	
															<b>Total</b>	<b>2,047,077</b>	<b>24,503</b>	<b>-</b>
Ratay Coal, Inc. 568-10211-01-0	Refuse	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Reimer, Inc. 3366BSM100A	U. L. Free.	78	-	-	-	-	-	-	-	-	-	-	-	-	2,898,992	10,390	-	
Richland Resources, Inc. 5679122	Up. Free.	36	-	-	-	-	-	-	-	-	-	-	-	-	86,650	1,440	84@	
56810134	Up. Free.	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
															<b>Total</b>	<b>86,650</b>	<b>1,440</b>	<b>84</b>
Sammer Bros. Coal Co. 5679123	Kitt./Free.	36	-	-	-	-	-	-	-	-	-	-	-	-	198,360	42,026	1,810*	
Schmidt, William 5679106	Lo. Kitt.	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Scurfield Coal, Inc. 4076SM6	Lo. Free.	30	-	-	-	-	-	-	-	-	-	-	-	-	73,280	988	780*	
4173SM3	Lo. Free./U. Kitt.	38	-	-	-	-	-	-	-	-	-	-	-	-	76,456	1,103	811*	
4174SM10	Up. Kitt.	34	-	-	-	-	-	-	-	-	-	-	-	-	139,350	901	758*	
5679105	L. Free.	39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
															<b>Total</b>	<b>289,086</b>	<b>2,992</b>	<b>2,349</b>
Shade Mining Co. 4173SM6	M. Kitt.	36	-	-	-	-	-	-	-	-	-	-	-	-	358,650	1,265	30,161	
46810109	M. Kitt.	36	-	-	-	-	-	-	-	-	-	-	-	-	690,850	620	17,796	
56800132	M. Kitt./L.U. Free.	32-36	-	-	-	-	-	-	-	-	-	-	-	-	398,030	5,400	100,778	
Auger-BAM-2001-87	M. Kitt.	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Auger-BAM-2001-104	M. Kitt.	32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
															<b>Total</b>	<b>1,447,530</b>	<b>7,285</b>	<b>148,735</b>



SOMERSET COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Average Mineral or Height of Seam Inches	Kind of Opening				Number and Type			Pounds of Explosives Used		Other Permis- sible (Name)		
			Shaft	Slope	Drift	:	:	Lamps Used	:	Ammonium Nitrate	Dynamite			
			Depth	Length	Degrees	Drift	eous	eous	Open	Safety	tric			
Shaffer, Myron														
4174SM5	Up. Free.	24	-	-	-	-	-	-	-	-	-	-		
56810110	Up. Free.	48	-	-	-	-	-	-	-	-	-	-		
Auger-BAM-2001-44 & 2001-53	Up. Free.	24	-	-	-	-	-	-	-	-	-	-		
Auger-BAM-2001-112	Up. Free.	48	-	-	-	-	-	-	-	-	-	-		
Shafex, Walter & Betty														
56800137	Ames	24	-	-	-	-	-	-	-	-	-	-		
Smith Construction Co.														
4071BSM13	Up. Free.	38	-	-	-	-	-	-	-	-	-	-		
Soberdash Coke & Coke Co.														
4073SM7	Brookville	42	-	-	-	-	-	-	-	-	260,162	5,413	169,716*	
Soberdash Coal Co.														
3367BSM13	Brookville	42	-	-	-	-	-	-	-	-	6,094	958	9,150	
5679113	Brookville	42	-	-	-	-	-	-	-	-	-	-	-	
											<b>Total</b>	<b>6,094</b>	<b>958</b>	<b>9,150</b>
Sun Coal Co.														
56810101(a)	Redstone/Pitts.	36-42	-	-	-	-	-	-	-	-	-	-	-	
Svonavec, Inc.														
4075SM5	Up. Free.	47	-	-	-	-	-	-	-	-	811,596	77,570	-	
4076SM9	Up. Free.	59	-	-	-	-	-	-	-	-	381,393	92,488	-	
4076SM18	Up. Free.	30	-	-	-	-	-	-	-	-	378,529	59,398	-	
56800116	Up. Free.	36	-	-	-	-	-	-	-	-	215,162	23,768	-	
56800128	Up. Free.	36	-	-	-	-	-	-	-	-	393,979	61,823	-	
											<b>Total</b>	<b>2,180,659</b>	<b>315,047</b>	<b>-</b>
Three S Coal Co.														
4075SM8	Fed. Hill	24	-	-	-	-	-	-	-	-	-	-	-	
4174SM14	Up. Kitt.	24	-	-	-	-	-	-	-	-	-	-	-	
56800130	L. Kitt.	60	-	-	-	-	-	-	-	-	239,525	5,300	-	
											<b>Total</b>	<b>239,525</b>	<b>5,300</b>	<b>-</b>
Triple G. Coal Co., Inc.														
56800136	U. & L. Bakerstown	18-36	-	-	-	-	-	-	-	-	284,594	386	648	



TIOGA COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Average Mineral or Height of Seam Inches	Kind of Opening				Number and Type			Pounds of Explosives Used		Other Permis- sible (Name)			
			Shaft	Slope	Drift	Non-	Lamps Used	Flame	Elec-	Ammonium Nitrate	Dynamite				
			Depth:	Length:	Degrees:	Drift:	eous:	eous:	Open:	Safety:	tric :				
Antrim Mining, Inc.															
59810101	Lo. & Mid. Kitt.	24	-	-	-	-	-	-	-	-	-	2,281,910	136,180	-	
59820101	Lo. Kitt.	72	-	-	-	-	-	-	-	-	-	-	-	-	
												<b>Total</b>	<b>2,281,910</b>	<b>136,180</b>	<b>-</b>
Eastern Mining Co.															
4977SM5	Lo. Kitt.	72	-	-	-	-	-	-	-	-	-	-	-	-	
Jones & Brague Mining Co.															
3166BSM32	Lo. Kitt.	36	-	-	-	-	-	-	-	-	-	-	-	-	
59800101	Lo. Kitt.	36	-	-	-	-	-	-	-	-	-	-	-	-	
4773SM6	Lo. Kitt.	36	-	-	-	-	-	-	-	-	-	2,544,445	2,904	-	
												<b>Total</b>	<b>2,544,445</b>	<b>2,904</b>	<b>-</b>
<b>COUNTY TOTAL</b>												<b>4,826,355</b>	<b>139,084</b>	<b>-</b>	

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VERMONGO COUNTY  
SHIP PERMITS

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Average Mineral or Height of Seam Inches	Kind of Opening :					Number and Type :			Pounds of Explosives Used			Other Permis- sible (Name)		
			: Shaft:	Slope	: Drift:	: : :	: : :	: Lamps Used :	: : :	: : :	: : :	: : :	: : :		Ammonium Nitrate	Dynamite
Ancient Sun, Inc. 6179108	U.,L. Clarion/L. Kitt	24	-	-	-	-	-	-	-	-	-	-	79,605	2,899	-	
C & K Coal Co. 6179101	U., L. Clarion	26	-	-	-	-	-	-	-	-	-	-	3,075	1,230	4,600*	
6179107	U. L., Clarion	26	-	-	-	-	-	-	-	-	-	-	831,981	29,954	356,475*	
													<b>Total</b>	<b>835,056</b>	<b>31,184</b>	<b>361,075</b>
FW & RR, Inc. 6179107	--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
H & D Coal Co. 61800102	Brokville	36	-	-	-	-	-	-	-	-	-	-	5,105,625	19,340	317,760	
Auger BAM 5108	Brookville	36	-	-	-	-	-	-	-	-	-	-	-	-	-	
													<b>Total</b>	<b>5,105,625</b>	<b>19,340</b>	<b>317,760</b>
Kerry Coal Co. 3778SM5C	L.Kitt./Brookville	26	-	-	-	-	-	-	-	-	-	-	4,000	100	252	
Oil City Coal, Inc. 3775SM14	Brookville	36	-	-	-	-	-	-	-	-	-	-	22,850	14,354	572#	
3778BC16	Lo. Kitt.	39	-	-	-	-	-	-	-	-	-	-	212,979	6,158	-	
													<b>Total</b>	<b>235,829</b>	<b>20,512</b>	<b>572</b>
Pengrove Coal Co. 3775SM12	Brookville	32	-	-	-	-	-	-	-	-	-	-	3,633,508	177,394	-	
Rockland Mining Co. 61810101	Lo. & Up. Clarion	12-18	-	-	-	-	-	-	-	-	-	-	196,000	9,190	-	
													<b>COUNTY TOTAL</b>	<b>10,089,623</b>	<b>260,619</b>	<b>679,659</b>

\*Tubes  
#Caps

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WASHINGTON COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Average Mineral or Height of Seam Inches	Kind of Opening :				Number and Type :			Pounds of Explosives Used			Other Permis- sible (Name)		
			:Shaft:	Slope	:Drift:	:	:Lamps Used	:	:	:Ammonium	:Elec:	Nitrate		Dynamite	
			:Depth:	Length:	Degrees:	Drift:	eous:	eous:	Open:	Safety:	tric :				
Aloe Coal Co. 3270BSM1	Pittsburgh	48-50	-	-	-	-	-	-	-	-	-	-	-	-	
Bologna Mining Co. 2668BSM1	Pittsburgh No. 8	48	-	-	-	-	-	-	-	-	-	2,933,503	19,412	4,918*	
3277SM3	Pittsburgh No. 8	48	-	-	-	-	-	-	-	-	-	371,822	5,675	1,891*	
63800107	Pittsburgh No. 8	48	-	-	-	-	-	-	-	-	-	255,087	1,688	428	
												<b>Total</b>	<b>3,560,412</b>	<b>26,775</b>	<b>7,237</b>
C & M Coal Co. 3274SM50	Pittsburgh No. 8	60	-	-	-	-	-	-	-	-	-	-	-	-	
Electro-Met-Caol Co., Inc. 615ASRP	Redstone	40	-	-	-	-	-	-	-	-	-	-	-	-	
Etna Equip. & Supply Co, Inc. 3274SM9	Waynesburg	60	-	-	-	-	-	-	-	-	-	1,641,440	16,750	-	
3275SM2	Waynesburg	60	-	-	-	-	-	-	-	-	-	-	-	-	
3275SM4	Waynesburg	60	-	-	-	-	-	-	-	-	-	-	-	-	
3276SM14	Waynesburg	60	-	-	-	-	-	-	-	-	-	-	-	-	
6379110	Waynesburg	60	-	-	-	-	-	-	-	-	-	3,580,370	30,600	-	
												<b>Total</b>	<b>5,221,810</b>	<b>47,350</b>	<b>-</b>
Ewing, Charles W. 3271BSM9	Pittsburgh	48	-	-	-	-	-	-	-	-	-	-	-	-	
K.E.S. Enterprises 3274SM8	Waynesburg	48	-	-	-	-	-	-	-	-	-	5,200	13,240	-	
63810202	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
												<b>Total</b>	<b>5,200</b>	<b>13,240</b>	<b>-</b>
Lineal Industries, Inc. 3275SM37	Pittsburgh	60	-	-	-	-	-	-	-	-	-	1,300	250	-	
Luzerne Coal Corp. 6379114	Waynesburg	48	-	-	-	-	-	-	-	-	-	-	-	-	
Lyons, Franklin 102240 (b)	Pittsburgh	60	-	-	-	-	-	-	-	-	-	-	-	-	

WASHINGTON COUNTY (continued)

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Average Height of Seam Inches	Kind of Opening :					Number and Type :			Pounds of Explosives Used		Other Permis- sible (Name)		
			:Shaft:	Slope	:Drift:	:	:	:Lamps Used	:	:	:	Ammonium Nitrate		Dynamite	
															Height
Midway Coal Co. 3272SM16(c)	Pittsburgh	48-50	-	-	-	-	-	-	-	-	-	5,419,960	47,680	82,380	
Pangerson Coal Co. 3274SM15	Pittsburgh No. 8	60	-	-	-	-	-	-	-	-	-	-	-	-	
63800105	Pittsburgh No. 8	60	-	-	-	-	-	-	-	-	-	22,130	970	-	
												<b>Total</b>	<b>22,130</b>	<b>970</b>	<b>-</b>
Pavalonis-Kirch Construction Co. 3276SM13	Redstone	30	-	-	-	-	-	-	-	-	-	18,850	-	-	
Penweir Construction Co. 3277SM2	Pittsburgh	48	-	-	-	-	-	-	-	-	-	1,950,950	712,150	19,240	
												<b>Total</b>	<b>1,950,950</b>	<b>712,150</b>	<b>19,240</b>
Purco Coal, Inc. 3278BC7	Redstone	30	-	-	-	-	-	-	-	-	-	-	-	-	
Rostosky Coal Co., Joseph 3274SM7	Waynesburg	48	-	-	-	-	-	-	-	-	-	-	-	-	
3274SM20	Waynesburg	48	-	-	-	-	-	-	-	-	-	-	-	-	
3274SM41	Waynesburg	48	-	-	-	-	-	-	-	-	-	20,750	650	-	
												<b>Total</b>	<b>20,750</b>	<b>650</b>	<b>-</b>
Stash Bros. Inc. 3277SM1	Pittsburgh	84	-	-	-	-	-	-	-	-	-	-	-	-	
Steffkovich Bros., Inc. 2666BSM3	Pittsburgh	60	-	-	-	-	-	-	-	-	-	17,635	600	-	
Twilight Industries 3274SM49	Waynesburg	42	-	-	-	-	-	-	-	-	-	46,250	7,700	-	
32A77SM5	Waynesburg	42	-	-	-	-	-	-	-	-	-	58,100	3,250	-	
6379112	Waynesburg	42	-	-	-	-	-	-	-	-	-	286,580	9,500	-	
63810101	Waynesburg	42	-	-	-	-	-	-	-	-	-	344,230	13,800	-	
												<b>Total</b>	<b>735,160</b>	<b>34,250</b>	<b>-</b>

WASHINGTON COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Average Mineral or Height of Seam Inches	Kind of Opening :					Number and Type :			Pounds of Explosives Used		Other Permis- sible (Name)		
			:Shaft:	Slope	:Drift:	:	:	: Lamps Used :	:	:	:	Ammonium Nitrate		Dynamite	
			:Depth:	Length:	Degrees:	Drift:	eous:	eous:	Open:	Safety:	Elec- tric :				
Tyhonas LeRoy 3274SM	Pittsburgh	84	-	-	-	-	-	-	-	-	-	-	-	-	
Westmont Coal Co., Inc. 6379113	Waynesburg	48	-	-	-	-	-	-	-	-	-	123,239	457	-	
												<b>COUNTY TOTAL</b>	<b>17,097,396</b>	<b>884,372</b>	<b>108,857</b>

\*Caps

WESTMORELAND COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Average Mineral : or	Kind of Opening :				Number and Type :			Pounds of Explosives Used		Other Permis- sible (Name)		
			Height of Seam	Shaft:	Slope	Drift:	Lamps Used	Non-:	Flame	Elec-:	Ammonium Nitrate		Dynamite	
		Inches	Depth:	Length:	Degrees:	Drift:	eous:	eous:	Open:	Safety:	tric :			
Acme Drilling 34A77S15	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alencic, Raymond P. 65810903SRP	Pittsburgh	48	-	-	-	-	-	-	-	-	-	-	-	-
Ansell, Carl 2966BSM109	Redstone	48	-	-	-	-	-	-	-	-	-	-	-	-
Arm Coal Co., Inc. 34A77S15	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Brown Coal Co., Inc., C.W. 3473SM13	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cratty, Gower & Hyduke, Inc. 34765M17	Pgh./Redstone	45	-	-	-	-	-	-	-	-	-	12,950	5,478	287
Auger-BAM 3144	Redstone	90	-	-	-	-	-	-	-	-	-	-	-	-
									<b>Total</b>			<b>12,950</b>	<b>5,478</b>	<b>287</b>
D.C. Industries, Inc. 3477SM9	Redstone	18	-	-	-	-	-	-	-	-	-	-	-	-
Darmac Coal, Inc. 34A77SM5	Up. Freeport	60	-	-	-	-	-	-	-	-	-	501,345	19,731	5,608
Eidemiller, Inc., Adams 3470SM27	Pittsburgh	60	-	-	-	-	-	-	-	-	-	-	-	-
Pair Ex Coal Co., Inc. 65800111	Pittsburgh	60	-	-	-	-	-	-	-	-	-	-	-	-
65810114	Redstone	60	-	-	-	-	-	-	-	-	-	-	-	-
Felton Enterprises, Inc. 34A76SM9	Babertown	36	-	-	-	-	-	-	-	-	-	-	-	-
65800907SRP	Pittsburgh	108	-	-	-	-	-	-	-	-	-	-	-	-
Firestone Coal, Inc. 3471SM1	Sewickley	24	-	-	-	-	-	-	-	-	-	106,580	20,942	-
Auger-BAM-3113	Redstone	36	-	-	-	-	-	-	-	-	-	-	-	-
									<b>Total</b>			<b>106,580</b>	<b>20,942</b>	<b>-</b>

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WESTMORELAND COUNTY (continued)

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Average Height of Seam Inches	Kind of Opening :				Number and Type :				Pounds of Explosives Used		Other Permis- sible (Name)		
			: Shaft:	: Slope	: Drift:	:	: Lamps Used	:	:	:	: Ammonium	: Dynamite			
			: Depth:	: Length:	: Degrees:	: Drift:	: Gas:	: Gas:	: Non-:	: Flame:	: Elec-:	Nitrate			
Fossil Fuels, Inc. 3474SM64	Freeport	36	-	-	-	-	-	-	-	-	-	9,000	-	-	
Gary John Associates 3475SM37	Pitts/Redstone	48-72	-	-	-	-	-	-	-	-	-	-	-	-	
Gold Lion Mining 34A78BC15	Pittsburgh	72	-	-	-	-	-	-	-	-	-	-	-	-	
Green, Inc., Walter 3477SM21	Waynesburg	54	-	-	-	-	-	-	-	-	-	6,000	200	-	
3477SM22	Kittanning	30	-	-	-	-	-	-	-	-	-	20,000	1,000	-	
												<b>Total</b>	<b>26,000</b>	<b>1,200</b>	<b>-</b>
Hartman Co., J. B. 65820917	Pittsburgh	10	-	-	-	-	-	-	-	-	-	-	-	-	
Hartman Enterprises, Inc., W.P. 65820107	Pittsburgh	96	-	-	-	-	-	-	-	-	-	-	-	-	
Holliday Construction, Inc. 3475SM29	Up. & Lo. Freeport	36	-	-	-	-	-	-	-	-	-	-	-	-	
3478BC9	Up. Freeport	33	-	-	-	-	-	-	-	-	-	-	-	-	
6579104	Lo. Kittanning	33	-	-	-	-	-	-	-	-	-	-	-	-	
6579119	Up. Freeport	36	-	-	-	-	-	-	-	-	-	405,575	19,541	5,520	
Auger-BAM 3111	Lo. Freeport	36	-	-	-	-	-	-	-	-	-	-	-	-	
												<b>Total</b>	<b>405,575</b>	<b>19,541</b>	<b>5,520</b>
Hohol Coal Co. 26820916	Pittsburgh	108	-	-	-	-	-	-	-	-	-	-	-	-	
Johnston, The Florist SRP-218	Pittsburgh	75	-	-	-	-	-	-	-	-	-	-	-	-	
Kravetsky, Charles 3475SM36	Up. Freeport	40	-	-	-	-	-	-	-	-	-	153,745	2,248	-	
Kuhns & Smith 65820101	Pittsburgh	84	-	-	-	-	-	-	-	-	-	-	-	-	

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WESTMORELAND COUNTY (continued)

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Average Mineral : or Height of Seam Inches	Average Kind of Opening : : : : : :Shaft: Slope :Drift: :					Number and Type :			Pounds of Explosives Used		Other Permis- sible (Name)			
			:Depth:	Length:	Degrees:	Drift:	eous:	eous:	Open:	Safety:	Elec-:	Ammonium Nitrate		Dynamite		
Kuhns & Sons Coal Co. 65820114	Pittsburgh	84	-	-	-	-	-	-	-	-	-	-	-	-	-	-
L & A Coal Co. 3478SM5C	Redstone	48	-	-	-	-	-	-	-	-	-	-	15,875	-	-	-
Latimer Bros. 3472SM1	Pittsburgh	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3472SM12	Pittsburgh	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34A765M4	Pittsburgh	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
65800109	Pittsburgh	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
65800105	Pittsburgh	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
65810103	Pittsburgh	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
65810115	Pittsburgh	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mikel Coal Co. 3476SM19	Redstone	42	-	-	-	-	-	-	-	-	-	-	4,425	87	196	-
65810101	Redstone	42	-	-	-	-	-	-	-	-	-	-	307,640	6,837	-	-
													<b>Total</b>	<b>312,065</b>	<b>6,924</b>	<b>196</b>
M & M Mining, Inc. 34A78SM1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Negley Coal Co., Inc. 34A77SM9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
North Cambria Fuel Co. 3473SM9	Bakerstown	36	-	-	-	-	-	-	-	-	-	-	647,350	2,240	12,304	-
3474SM7	Lo. Freeport	36	-	-	-	-	-	-	-	-	-	-	583,811	2,675	11,625	-
34A76SM3	Pittsburgh	72	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34A78SM4	Redstone	24	-	-	-	-	-	-	-	-	-	-	20,733	282	-	-
65800913SRP	Bakerstown	36	-	-	-	-	-	-	-	-	-	-	17,029	517	840	-

WESTMORELAND COUNTY (continued)

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Average Mineral or Height of Seam Inches	Kind of Opening :			Number and Type :			Pounds of Explosives Used		Other Permis- sible (Name)			
			:Shaft:	Slope	:Drift:	:Lamps Used	: :	: :	: :	Ammonium Nitrate		Dynamite		
			: :	: :	: :	: :	: :	: :	: :	: :				
			:Depth:	Length:	Degrees:	Drift:	eous:	eous:	Open:	Safety:	tric :			
North Cambria Fuel Co. (continued)														
65810107	Pittsburgh	72	-	-	-	-	-	-	-	-	-	-		
65810108	Pittsburgh	72	-	-	-	-	-	-	-	-	148,617	659	765	
65820121	Redstone	42	-	-	-	-	-	-	-	-	16,678	149	360	
Auger BAM 3001	Lo. Freeport	42	-	-	-	-	-	-	-	-	-	-	-	
Auger BAM 3155	Bakerstown	36	-	-	-	-	-	-	-	-	-	-	-	
											<b>Total</b>	<b>1,434,218</b>	<b>6,522</b>	<b>25,894</b>
Old Home Manor, Inc.														
3474SM1	Pitts./Redstone	50-80	-	-	-	-	-	-	-	-	-	-	-	
3474SM10	Reject Pile	-	-	-	-	-	-	-	-	-	-	-	-	
PNBP Coal Co.														
3473SM19	Redstone	26	-	-	-	-	-	-	-	-	-	-	-	
Pavalonis-Kirch Co.														
10110-01-0	Pitts./Redstone	48-72	-	-	-	-	-	-	-	-	-	-	-	
Ficcolomin, William														
3472SM20	Redstone	36	-	-	-	-	-	-	-	-	18,450	150	75	
R K Coal Co.														
6579113	Pittsburgh	72	-	-	-	-	-	-	-	-	76,000	1,200	436	
R & L Development Co.														
34A78BC13	Pittsburgh	90	-	-	-	-	-	-	-	-	-	-	-	
Richard Coal Corp.														
65810104	Redstone	40	-	-	-	-	-	-	-	-	-	-	-	
Robinson Inc., Alice K.														
347SM52	Freeport	36-48	-	-	-	-	-	-	-	-	-	-	-	
6579105	Freeport	36-48	-	-	-	-	-	-	-	-	-	-	-	
Rondell Co., The														
3474SM21	Up. & Lo. Freeport	36	-	-	-	-	-	-	-	-	76,693	2,071	2,160	
6579108	Up. Kittanning	48	-	-	-	-	-	-	-	-	-	-	469	
											<b>Total</b>	<b>76,693</b>	<b>2,071</b>	<b>2,629</b>

