



CLEARFIELD COUNTY (Cont)

Operators and Mines/ or Mine Drainage Permit No.	Geological Name of Coal Bed	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				
Benjamin Coal Co. (Cont)															
17800144	L.K./L.U.F.	25-36	-	-	-	-	-	-	-	-	-	97,700	1,400	2,500#	
17810120	L.U.F.	24	-	-	-	-	-	-	-	-	-	658,100	9,600	16,900#	
17810158	L.M.K.	28-34	-	-	-	-	-	-	-	-	-	470,500	6,900	12,100#	
17814000	U.K./L.F.	28	-	-	-	-	-	-	-	-	-	3,800	100	100#	
17820102	L.U.F.	25	-	-	-	-	-	-	-	-	-	454,700	6,700	11,700#	
17820132	L.M.U.K./L.K.Rider	18-36	-	-	-	-	-	-	-	-	-	784,600	11,500	20,100#	
1783190/17810112	L.U.F.	24	-	-	-	-	-	-	-	-	-	418,800	6,100	10,700#	
4377SM9	L.F./U.K.	26-30	-	-	-	-	-	-	-	-	-	134,600	2,000	3,500#	
4377SM22	U.F.	24	-	-	-	-	-	-	-	-	-	1,046,700	15,300	26,800#	
4377SM23	Mahoning/U.F.	28-30	-	-	-	-	-	-	-	-	-	559,500	8,200	14,300#	
4470BSM8	U.K.	36	-	-	-	-	-	-	-	-	-	684,400	10,000	17,500#	
												TOTAL	7,120,592	104,300	182,400
Bison Coal Co., Inc.															
1779112	L.M.K.	36	-	-	-	-	-	-	-	-	-	66,345	600	231	
Bowman, W. C.															
17703032	M.K.	28	-	-	-	-	-	-	-	-	-	14,150	470	-	
Brown, Inc., E.M.															
17713021	M.U.K.	24	-	-	-	-	-	-	-	-	-	59,000	663	-	
17743020	Clarion	30	-	-	-	-	-	-	-	-	-	52,390	338	-	
17773008	M.K.	24	-	-	-	-	-	-	-	-	-	-	-	-	
17773022	L.K.	28	-	-	-	-	-	-	-	-	-	95,573	1,147	-	
17803023	Clarion/L.K.	30	-	-	-	-	-	-	-	-	-	169,834	1,485	-	
17813024	L.K.	24	-	-	-	-	-	-	-	-	-	519,788	3,179	-	
17820134	Brookville	30	-	-	-	-	-	-	-	-	-	617,622	5,881	-	
												TOTAL	1,514,207	12,693	231
Bumbarger & Son, H.															
17820113	L.K.	18	-	-	-	-	-	-	-	-	-	45,555	7,644	633*	

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CLEARFIELD COUNTY (Cont)

Operators and Mines/ or Mine Drainage Permit No.	Geological Name of Coal Bed	Height of Seam Inches	Kind of Opening			Number and Type			Pounds of Explosives Used			Other Permis- sible (Name)	
			Shaft	Slope	Drift	Lamps Used	Non- :Gas- :eous:	Flame :Elec- :tric	Ammonium Nitrate	Dynamite			
Dressler Coal Co. 17793118	L.F.	20	-	-	-	-	-	-	-	-	-	-	
17793119	Clarion	15	-	-	-	-	-	-	-	-	-	-	
Edmunds Contracting & Supply Co., Inc. 17800148	U.K./L.U.F.	24	-	-	-	-	-	-	-	1,527,696	-	49,858	
17820119	L.F.	24	-	-	-	-	-	-	-	33,264	-	928	
										TOTAL	1,560,960	-	50,786
Empire Coal Co., Inc. 4374SM14	L.M.U.K./L.F./ Clarion	12-30	-	-	-	-	-	-	-	1,387,100	20,300	35,600#	
Fahr Coal Co. 17743019	M.K.	28	-	-	-	-	-	-	-	138,800	2,750	-	
Flango Bros. Coal, Inc. 17810113	Mahoning/U.F.	34	-	-	-	-	-	-	-	-	-	-	
17810116	U.K.	24	-	-	-	-	-	-	-	50,361	1,364	-	
17810128	Mahoning/U.F.	20	-	-	-	-	-	-	-	86,970	2,920	-	
17820108	L.K.	24	-	-	-	-	-	-	-	956,845	25,909	-	
17820121	U.F.	36	-	-	-	-	-	-	-	-	-	-	
										TOTAL	1,094,176	30,193	-
Forcey Coal, Inc. 4578SM2	L.K.	40	-	-	-	-	-	-	-	18,245	2,507	5,615¢	
Gallagher Coal Co. 3266BSM76 and 4471BSM19	M.K.	28-40	-	-	-	-	-	-	-	884,850	16,250	65,270	

CLEARFIELD COUNTY (Cont)

Operators and Mines/ or Mine Drainage Permit No.	Geological Name of Coal Bed	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:	Gas-:	gas-:	Open:	Safety:	tric :			
Glen Irvan Corp.														
17783154	M.K.	24	-	-	-	-	-	-	-	-	-	454,745	4,793	6,022
17793138	L.M.U.K.	25	-	-	-	-	-	-	-	-	-	28,525	3,079	714*
17803137	L.M.U.K.	24	-	-	-	-	-	-	-	-	-	214,100	681	1,281
17803139	M.K.	26	-	-	-	-	-	-	-	-	-	-	-	-
17803147	M.U.K.	26	-	-	-	-	-	-	-	-	-	147,630	1,320	1,791
17813146	L.M.U.K.	24	-	-	-	-	-	-	-	-	-	29,275	219	250
17813152	M.K.	25	-	-	-	-	-	-	-	-	-	-	-	-
17820156	M.U.K.	21	-	-	-	-	-	-	-	-	-	16,725	171	216
17830113	U.F.	28	-	-	-	-	-	-	-	-	-	46,225	178	269*
Auger-BAM 40070	L.K.	26	-	-	-	-	-	-	-	-	-	-	-	-
Auger-BAM 40073	L.K.	24	-	-	-	-	-	-	-	-	-	-	-	-
Auger-BAM 40074	L.K.	26	-	-	-	-	-	-	-	-	-	-	-	-
Auger BAM 40082	M.K.	18	-	-	-	-	-	-	-	-	-	-	-	-
Auger BAM 40085	L.M.K.	18-24	-	-	-	-	-	-	-	-	-	-	-	-
											TOTAL	937,225	10,441	10,543
Graham Bros Lumber Co., Inc.														
17820149	Clarion	4-27	-	-	-	-	-	-	-	-	-	-	-	-
17820165	L.F.	36	-	-	-	-	-	-	-	-	-	-	-	-
Hamilton Contracting Co., AI														
17773155	U.M.K.	30-36	-	-	-	-	-	-	-	-	-	735,918	8,490	3,338
17773170	M.L.K.	12-30	-	-	-	-	-	-	-	-	-	281,408	2,720	1,497
17793169	U.M.K.	24-36	-	-	-	-	-	-	-	-	-	693,820	16,083	6,887
17803163	U.M.K.	12-30	-	-	-	-	-	-	-	-	-	1,075,573	11,144	6,454
17803167	U.L.F.	24-30	-	-	-	-	-	-	-	-	-	911,393	9,259	3,545
17803176	M.L.K.	10-30	-	-	-	-	-	-	-	-	-	1,010,113	14,831	6,961
17820106	M.L.K./Clarion	20-40	-	-	-	-	-	-	-	-	-	730,104	8,508	3,340
17820133	M.K.	15-30	-	-	-	-	-	-	-	-	-	344,750	4,679	1,766
17820178	U.L.F.	26	-	-	-	-	-	-	-	-	-	792,392	8,805	2,946
											TOTAL	6,575,471	84,519	36,734

CLEARFIELD COUNTY (Cont)

Operators and Mines/ or Mine Drainage Permit No.	Geological Name of Coal Bed	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:	Gas-:	gas-:	Open:	Safety:	tric :			
Hamlin Coal Co. 4371BSM1	U.L.F.	26	-	-	-	-	-	-	-	-	-	578,080	13,213	-
Hanslovan Coal Co., Inc., Ed 17830123	M.K.	30	-	-	-	-	-	-	-	-	-	645	-	-
Harbison-Walker Refractories 4475SM10	Mercer	12	-	-	-	-	-	-	-	-	-	-	-	-
Hartman Contractor, Warren C. 17830118	U.K.	16	-	-	-	-	-	-	-	-	-	-	-	-
17830131	U.K.	30	-	-	-	-	-	-	-	-	-	128,642	7,222	1,353*
TOTAL											128,642	7,222	1,353	
Heberling, Richard M. 4378BC7	M.K.	24-28	-	-	-	-	-	-	-	-	-	-	-	-
Hepburnia Coal Co. 17773129	U.F.	24	-	-	-	-	-	-	-	-	-	1,800	50	-
17763130	U.L.F.	24	-	-	-	-	-	-	-	-	-	190,645	916	1,342*
17803106	U.L.F.	24	-	-	-	-	-	-	-	-	-	149,649	904	1,391*
17813128	U.L.F.	24	-	-	-	-	-	-	-	-	-	477,280	8,070	36*
17813132	U.F./Mahoning	24	-	-	-	-	-	-	-	-	-	404,840	3,580	2,427*
17820139	U.L.F.	24	-	-	-	-	-	-	-	-	-	268,763	6,800	132*
17820168	U.L.F.	24	-	-	-	-	-	-	-	-	-	21,200	750	-
17820169	U.L.F.	20-24	-	-	-	-	-	-	-	-	-	145,148	883	1,205*
17820171	L.M.K.	24	-	-	-	-	-	-	-	-	-	-	-	-
17830121	U.F.	-	-	-	-	-	-	-	-	-	-	-	-	-
(a)	Unknown	-	-	-	-	-	-	-	-	-	-	-	-	-
(a)	Unknown	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL											1,659,325	21,953	6,533	
Jeffrey B. Coal Co., Inc. 1779136	Freeport	28	-	-	-	-	-	-	-	-	-	29,510	206	347%
17810110	Freeport	28	-	-	-	-	-	-	-	-	-	312,153	2,607	2,320
TOTAL											341,663	2,813	2,667	

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CLEARFIELD COUNTY (Cont)

Operators and Mines/ or Mine Drainage Permit No.	Geological Name of Coal Bed	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 Nitrate	Dynamite					
			Depth	Length	Degrees	Drift	Gas- eous	gas- eous	Open	Safety	tric				
Johnson & Morgan 4577SM5	U.M.L.K.	24	-	-	-	-	-	-	-	-	-	647,387	3,755	-	
Jones Coal Co. 17800110	Unknown	-	-	-	-	-	-	-	-	-	-	-	-	-	
17830103	Bituminous	30	-	-	-	-	-	-	-	-	-	12,975	765	-	
												TOTAL	12,975	765	-
K & J Coal Co., Inc. 17803026	U.F./Rider	12-18	-	-	-	-	-	-	-	-	-	381,846	74,471	2,190*	
17830111	U.F./Rider	12-18	-	-	-	-	-	-	-	-	-	155,166	30,262	890*	
												TOTAL	537,012	104,733	3,080
Kasubick Bros. Coal Co. 17820129	L.K.	20	-	-	-	-	-	-	-	-	-	3,110	210	-	
Kitko, Francis B. 4370BSM1	L.F.	48	-	-	-	-	-	-	-	-	-	-	-	-	
Kuzemchak, George J. 11830107	U.F.	32	-	-	-	-	-	-	-	-	-	3,130	17	34%	
Lansberry Coal & Excavating Co. 4470BSM14/17703053	L.K.	32	-	-	-	-	-	-	-	-	-	71,300	1,546	-	
Lawrence Resources, Inc. 17820126	U.K./L.F.	42	-	-	-	-	-	-	-	-	-	32,205	774	-	
Ledgeville Coal Co. 4471SM2	U.L.K.	26	-	-	-	-	-	-	-	-	-	70,510	2,517	-	
M & M Construction Co. 17783125	U.F.	36	-	-	-	-	-	-	-	-	-	-	-	-	
1779128	U.F.	28	-	-	-	-	-	-	-	-	-	110,000	8,000	-	
												TOTAL	110,000	8,000	-
M. B. Energy, Inc. 17813016	U.L.F.	28-29	-	-	-	-	-	-	-	-	-	108,130	1,828	15,443	
17810101	L.K.	28	-	-	-	-	-	-	-	-	-	-	-	-	
												TOTAL	108,130	1,828	15,443

CLEARFIELD COUNTY (Cont)

Operators and Mines/ or Mine Drainage Permit No.	Geological Name of Coal Bed	Height of Seam Inches	Kind of Opening			Number and Type			Pounds of Explosives Used		Other Permis- sible (Name)			
			Shaft: Depth:	Slope: Length: Degrees:	Drift: Drift: eous:	Lamps Used	Non- eous:	Gas- eous:	Flame :	Elec- tric :		Ammonium Nitrate	Dynamite	
Maney Coal Co., R. L. 1779115	M.U.K.	24	-	-	-	-	-	-	-	-	304,255	1,250	1,350*	
McDonald Land & Mining Co. 17733064	L.U.F.	24-28	-	-	-	-	-	-	-	-	911,755	31,736	15,740	
17773066	U.M.K.	18-24	-	-	-	-	-	-	-	-	254,104	8,759	-	
17773067	L.U.F.	24-36	-	-	-	-	-	-	-	-	-	-	-	
17733069	L.M.U.K.	18-24	-	-	-	-	-	-	-	-	-	-	-	
17773070	L.U.K.	24	-	-	-	-	-	-	-	-	-	-	-	
17810139	M.U.K.	20-24	-	-	-	-	-	-	-	-	73,706	12,621	-	
17810141	L.M.K.	18-24	-	-	-	-	-	-	-	-	-	-	-	
17830125	U.M.K./Rider	18-24	-	-	-	-	-	-	-	-	16,775	1,061	-	
17813063	M.U.K.	20-24	-	-	-	-	-	-	-	-	26,139	1,268	-	
17820142	L.M.K./Rider	16-24	-	-	-	-	-	-	-	-	671,180	32,430	-	
17820177	L.M.U.K.	18-24	-	-	-	-	-	-	-	-	-	-	-	
											<b>TOTAL</b>	<b>1,953,659</b>	<b>87,875</b>	<b>15,740</b>
McGovern Coal Co., Clair 17830905	M.U.K.	18	-	-	-	-	-	-	-	-	33,620	1,000	-	
3266BSM68	L.K.	12	-	-	-	-	-	-	-	-	28,940	832	-	
											<b>TOTAL</b>	<b>62,560</b>	<b>1,832</b>	<b>-</b>
Midway Excavating 17820135	Unreadable	60	-	-	-	-	-	-	-	-	-	-	-	
Minds Coal Co., Inc., Art 17813179	L.F.	16	-	-	-	-	-	-	-	-	156,440	2,550	-	
Moshannon Falls Mining Co., Inc. 17803100	L.M.U.K.	12-84	-	-	-	-	-	-	-	-	577,035	2,272	2,997	
Mustang Coal & Contracting Corp. 17773038	L.K.	38	-	-	-	-	-	-	-	-	31,048	1,246	50,848	
17774038	L.K.	38	-	-	-	-	-	-	-	-	13,306	534	21,792	
17810152	L.K.	24	-	-	-	-	-	-	-	-	13,580	423	-	
17820103	L.K.	38	-	-	-	-	-	-	-	-	32,795	3,020	62,030	
17823174	L.K.	38	-	-	-	-	-	-	-	-	44,580	4,696	215,731	
											<b>TOTAL</b>	<b>135,309</b>	<b>9,919</b>	<b>350,401</b>

CLEARFIELD COUNTY (Cont)

Operators and Mines/ or Mine Drainage Permit No.	Geological Name of Coal Bed	Height of Seam Inches	Kind of Opening :				Number and Type :			Pounds of Explosives Used		Other Permis- sible (Name)	
			:Shaft:	Slope	:Drift:	:	:Lamps Used	:Non- Gas- eous:	:Flame gas- eous:	:Elec- Open:	Ammonium Nitrate		Dynamite
Nassau Coal Co., Inc. 17830105	M.K.	36	-	-	-	-	-	-	-	-	-	-	
17830901	L.K.	30	-	-	-	-	-	-	-	-	-	-	
Northern Counties Coal Co., Inc. 17830110	L.M.U.K.	21-26	-	-	-	-	-	-	-	176,075	467	677*	
P & N Coal Co., Inc. 17793010	U.L.F./U.K.	22	-	-	-	-	-	-	-	2,171,004	35,581	-	
17743003	U.L.F./U.K.	32	-	-	-	-	-	-	-	2,310,384	38,672	-	
										TOTAL	4,481,388	74,253	-
Pentz Coal Co. 17823101	M.L.K.	26-30	-	-	-	-	-	-	-	294,860	-	-	
17791030	Brookville	40	-	-	-	-	-	-	-	-	-	-	
										TOTAL	294,860	-	-
Pike Coal Co. 4478SM1	L.K./Clarion	18-23	-	-	-	-	-	-	-	3,897	284	-	
4576SM12	A.B.B. Rider C	10	-	-	-	-	-	-	-	-	-	-	
										TOTAL	3,897	284	-
Power Operating Co., Inc. 17673057	L.M.U.K.	30	-	-	-	-	-	-	-	771,261	9,925	-	
17800131	Clarion	34	-	-	-	-	-	-	-	38,665	360	-	
17820114	L.M.U.K.	36	-	-	-	-	-	-	-	730,043	3,884	-	
17830132	L.F./U.M.K.	30	-	-	-	-	-	-	-	786,015	10,550	-	
3267BSM48	L.M.U.K.	37	-	-	-	-	-	-	-	-	-	-	
										TOTAL	2,325,984	24,719	-

CLEARFIELD COUNTY (Cont)

Operators and Mines/ or Mine Drainage Permit No.	Geological Name of Coal Bed	Height of Seam Inches	Kind of Opening :			Number and Type :			Pounds of Explosives Used			Other Permis- sible (Name)		
			Shaft:	Slope	Drift:	Lamps Used	Non-:	Gas-:	Flame :	Elec-:	Ammonium Nitrate		Dynamite	
			Depth:	Length:	Degrees:	Drift:	eous:	eous:	Open:	Safety:	tric :			
Reese Coal Co., Inc., Philip 32668SM86	U.M.L.K.	30-36	-	-	-	-	-	-	-	-	-	85,700	3,930	9,040
River Hill Coal Co., Inc. 17663047	M.U.K./L.U.F.	28-36	-	-	-	-	-	-	-	-	-	1,230,596	8,685	-
17753048	Unknown	-	-	-	-	-	-	-	-	-	-	-	-	-
17753050	L.F./Rider	15	-	-	-	-	-	-	-	-	-	205,868	4,117	-
17803049	M.U.K.	18-28	-	-	-	-	-	-	-	-	-	900,000	4,928	-
17810917	M.U.K.	16-28	-	-	-	-	-	-	-	-	-	9,600	211	-
TOTAL											2,346,064	17,941	-	
Roy Coal Co., Inc. 4474SM21	M.U.K.	15-30	-	-	-	-	-	-	-	-	-	17,390	214	600¢
Ryan Bros. Coal Co. 17800146	U.L.F.	24-26	-	-	-	-	-	-	-	-	-	See Note (a)		
4476SM26	U.K.	16	-	-	-	-	-	-	-	-	-	-	-	-
SRP Coal Co., Inc. 17803108	L.M.K.	22-28	-	-	-	-	-	-	-	-	-	212,196	4,352	-
Shale Hill Coal Co., Inc. 17800112	U.L.F.	48	-	-	-	-	-	-	-	-	-	391,816	9,130	-
17820118	U.M.K.	42	-	-	-	-	-	-	-	-	-	442,667	2,872	4,605
17820172	U.K.	18	-	-	-	-	-	-	-	-	-	18,100	1,713	-
TOTAL											852,583	13,715	4,605	
Shawville Coal Co. 32668SM108	Kittanning	30	-	-	-	-	-	-	-	-	-	-	-	-
32688SM16	L.K.	30	-	-	-	-	-	-	-	-	-	1,306,615	29,735	-
32688SM18	L.K.	30	-	-	-	-	-	-	-	-	-	209,180	9,060	-
TOTAL											1,515,795	38,795	-	



CLEARFIELD COUNTY (Cont)

Operators and Mines/ or Mine Drainage Permit No.	Geological Name of Coal Bed	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- tric :	Ammonium Nitrate	Dynamite			
			Depth:	Length:	Degrees:	Drift:	Gas- eous:	gas- eous:	Open:	Safety:			
Stott Coal Co., James (Cont)													
4475SM40	M.K./L.K.	12-26	-	-	-	-	-	-	-	-	-	-	
4477SM3	M.K.	20	-	-	-	-	-	-	-	-	-	-	
4477SM7	M.K.	20	-	-	-	-	-	-	-	-	-	-	
Strishock Coal Co.													
17693009	L.F./M.K.	24	-	-	-	-	-	-	-	-	1,273,423	6,792	6,871*
17793123	L.F./M.K.	24	-	-	-	-	-	-	-	-	11,400	51	91*
										TOTAL	1,284,823	6,843	6,962
Swistock Assoc. Coal Corp.													
17803000	M.U.K.	54	-	-	-	-	-	-	-	-	479,007	14,462	-
17813177	U.F.	30	-	-	-	-	-	-	-	-	147,950	4,134	-
17820145	L.K.	40	-	-	-	-	-	-	-	-	516,500	4,552	-
										TOTAL	1,143,457	23,148	-
T. & T. Clay Co.													
17820161	M.K.	28	-	-	-	-	-	-	-	-	70,000	950	-
Thomas Coal Co., Inc.													
17734034	U.K.	25	-	-	-	-	-	-	-	-	-	-	-
1779127 or 17793078	U.M.K./U.F.	12-24	-	-	-	-	-	-	-	-	64,506	3,328	-
1779141 or 17793073	L.F./M.K.	24	-	-	-	-	-	-	-	-	110,701	3,314	-
17800121 or 17803072	L.M.U.K.	24-36	-	-	-	-	-	-	-	-	378,402	12,823	-
17800125 or 17803079	U.L.F.	34-37	-	-	-	-	-	-	-	-	-	-	-
17800154	U.K./L.F.	13-24	-	-	-	-	-	-	-	-	-	-	-
17800160 or 17803083	L.M.K.	24	-	-	-	-	-	-	-	-	178,434	10,919	-
17810144	L.K.	24	-	-	-	-	-	-	-	-	-	-	-
17820125	U.M.K./L.F.	12-24	-	-	-	-	-	-	-	-	378,502	13,404	-
17820127	L.M.U.K.	24-36	-	-	-	-	-	-	-	-	462,525	21,798	-
4377SM10 or 17773075	U.L.F./U.M.K.	24-36	-	-	-	-	-	-	-	-	25,130	1,049	-
4574SM8 or 17753082	U.L.K./L.F.	24-48	-	-	-	-	-	-	-	-	-	-	-
45A77SM18 or 1773080	U.L.F./U.M.L.K.	12-24	-	-	-	-	-	-	-	-	111,392	4,024	1,129



CLINTON COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Geological Name of Coal Bed	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:	Gas:	gas:	Non- Flame	Elec- tric				
Avery Coal Co., Inc. 4675SM13	Clarion	60	-	-	-	-	-	-	-	-	231,025	4,695	-	
Confer Coal Co. 1879101 1880010	Brookville Brookville	30 30	-	-	-	-	-	-	-	-	-	-	-	
											340,000	6,000	1,125	
											340,000	6,000	1,125	
											TOTAL			
River Hill Coal Co., Inc. 18753004 18793003 1882013	Lo. & M. Kitt. Lo. Kitt. Lo. Kitt.	15-26-30 24 12-40	-	-	-	-	-	-	-	-	695,130	6,355	-	
											468,000	3,957	-	
											329,590	2,868	-	
											TOTAL	1,492,720	13,180	-
Shawville Coal Co. 4674SM14	Lo. Kitt.	30	-	-	-	-	-	-	-	-	-	-	-	
											COUNTY TOTAL	2,063,745	23,875	1,125

## ELK COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Geological Name of Coal Bed	Height of Seam Inches	Kind of Opening :			Number and Type :			Pounds of Explosives Used			Other Permis- sible (Name)	
			:Shaft:	Slope	:Drift:	:Lamps Used	:Non- :Gas-:gas- :ous:ous:	:Flame :Elec- :tric :	Ammonium Nitrate	Dynamite			
Elco Coal Co. 1676-2	Lo. Kitt.	34	-	-	-	-	-	-	-	58,050(a)	252*	174**	
Esquire Fuel Co. 24840104-01 46718SM	Freeport Lo. Kitt.	28 22	-	-	-	-	-	-	-	-	-	-	
Fairview Coal Co. 24820108 4674SM8	Unknown Unknown	- -	-	-	-	-	-	-	-	-	-	-	
Glen Irvan Corp. 24763013 24800102 4678SM1 4675SM9	Lo. Free. Lo. Free. Lo. Kitt. Lo. & Up. Free.	36 24 18 24-30	-	-	-	-	-	-	-	-	-	-	
										1,600	7	18	
										88,900	856	863	
										TOTAL	90,500	863	881
Gurosik Coal Co., Inc. 24810103	Unknown	-	-	-	-	-	-	-	-	-	-	-	
Hepburnia Coal Co. 248110107 4676SM6	Mid. Kitt. Mid. Kitt.	24 24	-	-	-	-	-	-	-	-	-	-	
Ingram Coal Co. 24800103 24810102 24820106	Lo. Kitt. Mid. Kitt. Up. Kitt.	34 32 32	-	-	-	-	-	-	-	338,855	9,397	-	
										91,585	2,530	-	
										TOTAL	430,440	11,927	-
New Shawmut Mining Co. 24820104 24820106	Lo. Kitt. Up. Free.	36 36	-	-	-	-	-	-	-	198,710	19,325	1,375*	
										91,585	2,530	-	
										TOTAL	290,295	21,855	1,375



FAYETTE COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Geological Name of Coal Bed	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:	Gas-:	gas-:	Flame :	Elec-:				
Ashton Coal Co. 26830105	Redstone	36	-	-	-	-	-	-	-	-	-	-	-	-
Bartoni, Rocco 26823020	Pittsburgh	66	-	-	-	-	-	-	-	-	-	-	-	-
Bridgeville Coal Co. License No. 102123														
26800102	Unknown	-	-	-	-	-	-	-	-	-	-	-	-	-
26800107	Unknown	-	-	-	-	-	-	-	-	-	-	-	-	-
Bukovitz, Joseph W. 3606731	Redstone	24-36	-	-	-	-	-	-	-	-	-	-	-	-
Chess Coal Co. License No. 100576														
3378SM6	Unknown	-	-	-	-	-	-	-	-	-	-	-	-	-
Clarksburg Coal Co. License No. 102079														
26823086	Unknown	-	-	-	-	-	-	-	-	-	-	-	-	-
3376SM11	Unknown	-	-	-	-	-	-	-	-	-	-	-	-	-
3378BC20	Unknown	-	-	-	-	-	-	-	-	-	-	-	-	-
Eberhart Coal Co. 26830103	Redstone	26-28	-	-	-	-	-	-	-	-	-	-	-	-
Genovese Coal Co. 3370BS22	Unknown	-	-	-	-	-	-	-	-	-	-	-	-	-
Granbay Coal Co. License No. 101769														
3374SM21	Unknown	-	-	-	-	-	-	-	-	-	-	-	-	-
3378BC19	Unknown	-	-	-	-	-	-	-	-	-	-	-	-	-
Hill Coal Co. License No. 102413														
26783002	Unknown	-	-	-	-	-	-	-	-	-	-	-	-	-
3378BC22	Unknown	-	-	-	-	-	-	-	-	-	-	-	-	-

FAYETTE COUNTY (Cont.)

Operators and Mines/ or Mine Drainage Permit No.	Geological Name of Coal Bed	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:	Gas- eous:	gas- eous:	Open- Safety:	Elec- tric :			
Jordan Coal Co., James V. 26830101	Pittsburgh	16	-	-	-	-	-	-	-	-	-	-	
Krohock Coal Co., Inc. 26830111	Redstone	32	-	-	-	-	-	-	-	-	-	-	
Luzerne Coal Corp. License No. 100750													
2679116	Unknown	-	-	-	-	-	-	-	-	-	-	-	
26800116	Unknown	-	-	-	-	-	-	-	-	-	-	-	
26810123	Unknown	-	-	-	-	-	-	-	-	-	-	-	
3371BSM42	Unknown	-	-	-	-	-	-	-	-	-	-	-	
Marsoline Coal & Coke, Inc. 2679121	Mahoning/U.F.	12-22	-	-	-	-	-	-	-	-	85,500	10,885	
26810105	Mahoning/U.F.	12-22	-	-	-	-	-	-	-	-	534,800	67,890	
											TOTAL	620,300	78,775
Menallen Coke Co. 2966BSM8 or 2966BSM81	Unknown	-	-	-	-	-	-	-	-	-	-	-	
Oak Run Coal, Inc. 26810113	Unknown	-	-	-	-	-	-	-	-	-	-	-	
3377SMB8	Unknown	-	-	-	-	-	-	-	-	-	-	-	
Patterson Coal Co. License No. 101614													
26800113	Unknown	-	-	-	-	-	-	-	-	-	-	-	
26820127	Unknown	-	-	-	-	-	-	-	-	-	-	-	
26823092	Unknown	-	-	-	-	-	-	-	-	-	-	-	
Patterson Coal Co., Thomas B. 26820110	Unknown	-	-	-	-	-	-	-	-	-	-	-	
26820115 re. 26823092													
26840104-01													
Piccolomini, William 26830110	Pittsburgh	108	-	-	-	-	-	-	-	-	-	-	

FAYETTE COUNTY (Cont.)

Operators and Mines/ or Mine Drainage Permit No.	Geological Name of Coal Bed	Height of Seam Inches	Kind of Opening				Number and Type			Pounds of Explosives Used		Other Permis- sible (Name)	
			Shaft	Slope	Drift	Gas	Non-gas	Flame	Elec	Lamps Used	Ammonium Nitrate		Dynamite
Pine Flats Coal Co., Inc. License No. 102438 26813036 3377SM25	Unknown Unknown	- -	-	-	-	-	-	-	-	-	-	-	-
Pizzurro Coal Co., Frank S. 26820129	Redstone	24	-	-	-	-	-	-	-	-	-	-	-
Pollick, Stanley J. 26813015	Pittsburgh	108	-	-	-	-	-	-	-	-	-	-	-
Soberdash Coal Co. License 101855 2679111	Unknown	-	-	-	-	-	-	-	-	-	-	-	-
Soberdash Coal & Coke Co. License No. 10111 3374SM18	Unknown	-	-	-	-	-	-	-	-	-	-	-	-
Stash Bros., Inc. License No. 102097 26820105	Unknown	-	-	-	-	-	-	-	-	-	-	-	-
Swenglish & Sons Coal Co. 33A77SM31	Pittsburgh	96	-	-	-	-	-	-	-	-	-	-	-
Voithofer, Jr., Edward V. 26773046	Pittsburgh	84	-	-	-	-	-	-	-	-	-	-	-
COUNTY TOTAL										620,300	78,775	-	

Note:

Symbols for Geological Name of Coal Bed: UF - Upper Freeport

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GREENE COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Geological Name of Coal Bed	Height of Seam Inches	Kind of Opening :			Number and Type :			Pounds of Explosives Used		Other Permis- sible (Name)			
			Shaft:	Slope	Drift:	Lamps Used	Non-	Gas-	Flame :	Elec-		Ammonium Nitrate	Dynamite	
			Depth:	Length:	Degrees:	Drift:	eous:	eous:	Open:	Safety:	tric :			
Balazick, Charles 3275SM40	Waynesburg	54	-	-	-	-	-	-	-	-	-	195,950	2,050	-
Chess Coal Co. 3270BSM12	Refuse	-	-	-	-	-	-	-	-	-	-	-	-	-
32B77SM6	Redstone	24-30	-	-	-	-	-	-	-	-	-	24,900	150	-
TOTAL												24,900	150	-
Ford & Gaskill 3270BSM7	Restone/Sewickley	36-60	-	-	-	-	-	-	-	-	-	1,729,100	-	4,447*
Genovese Coal Co. 2969BSM8	Sewickley	50	-	-	-	-	-	-	-	-	-	4,750	250	-
LaMar Coal Co. 30830107	Waynesburg	60	-	-	-	-	-	-	-	-	-	61,065	730	-
Lawrence Coal Co. 3271BSM6	Waynesburg	60	-	-	-	-	-	-	-	-	-	1,321,180	9,200	-
Oliverio, Samuel A. 30743013	Waynesburg	36	-	-	-	-	-	-	-	-	-	970,509	28,360	-
R.A.S. Excavating 3079103	Unknown	-	-	-	-	-	-	-	-	-	-	-	-	-
30840101	Unknown	-	-	-	-	-	-	-	-	-	-	-	-	-
S.J.M. Diversified Co., Inc. 30810109	Waynesburg	65	-	-	-	-	-	-	-	-	-	60,795	534	-
Susan Ann Coal, Inc. 30810107	Waynesburg	42'	-	-	-	-	-	-	-	-	-	53,750	-	224*
Teer Co., Nello L. 3079102	Waynesburg	32	-	-	-	-	-	-	-	-	-	377,667	7,388	-
Twilight Industries, Div. of U.S. Natural Resources, Inc. 63810106	Waynesburg	50	-	-	-	-	-	-	-	-	-	188,300	1,508	-

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HUNTINGDON COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Geological Name of Coal Bed	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	Dynamite			
			Depth:	Length:	Degrees:	Drift:	Gas-	gas-	Open:	Safety:	tric :	Nitrate		
L & B Coal Co., Inc. 05830101	Spears	40	-	-	-	-	-	-	-	-	-	8,800	100	-
COUNTY TOTAL												8,800	100	-

INDIANA COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Geological Name of Coal Bed	Height of Seam Inches	Kind of Opening			Number and Type			Pounds of Explosives Used		Other Permis- sible (Name)				
			Shaft	Slope	Drift	Lamps Used	Non-	Gas-gas-	Flame:Elec-	Ammonium Nitrate		Dynamite			
			Depth:	Length:	Degrees:	Drift:	eous:	eous:	Open:	Safety:	tric:				
A&C Coal Co., Inc. 32820114	Pittsburgh	72	-	-	-	-	-	-	-	-	-	15,100	185	-	
ALT Inc. 32840102	Pittsburgh	80	-	-	-	-	-	-	-	-	-	19,500	957	-	
A&T Coal Co., Inc. 32803053	Up. Kitt.	26	-	-	-	-	-	-	-	-	-	14,050	60	-	
32813046	Brookville	26	-	-	-	-	-	-	-	-	-	-	-	-	
												TOTAL	14,050	60	-
Acme Drilling 32823035	U. & L. Free.	32-42	-	-	-	-	-	-	-	-	-	68,434	549	-	
Andray Mining Co. 32823008	Up. Free.	36	-	-	-	-	-	-	-	-	-	-	-	-	
Arcadia Co., Inc., The 32793029	Up. Free.	36	-	-	-	-	-	-	-	-	-	137,726	1,885	1,672*	
32823013	U. L. Free.	16-45	-	-	-	-	-	-	-	-	-	225,345	1,511	2,753*	
32823030	U. L. Free.	28-40	-	-	-	-	-	-	-	-	-	107,285	4,163	2,048*	
3972SM22	U.F.,L,F,UK	20-20-40	-	-	-	-	-	-	-	-	-	3,730,384	22,712	29,890*	
												TOTAL	4,200,740	30,271	36,363
B & W Coal, Inc. 32820105	Pittsburgh	72	-	-	-	-	-	-	-	-	-	76,000	941	-	
Beilchick Bros. 32663056	Up. Free.	27	-	-	-	-	-	-	-	-	-	98,200	450	-	
32830113	Lo. Free	38	-	-	-	-	-	-	-	-	-	44,775	226	-	
												TOTAL	142,975	676	-
Benjamin Coal Co. 3279117	Lo. Kitt.	28	-	-	-	-	-	-	-	-	-	103,100	1,500	2,600#	
3279125	U.K., L.F.	24-28	-	-	-	-	-	-	-	-	-	-	-	-	
32810101	U.L.F.	30-36	-	-	-	-	-	-	-	-	-	602,800	8,800	15,500#	
32820103	L.F., U.K.	26	-	-	-	-	-	-	-	-	-	181,800	2,700	4,700#	
32820115	L. & U.F.	16-30	-	-	-	-	-	-	-	-	-	237,100	3,500	6,100#	

INDIANA COUNTY (Cont)

Operators and Mines/ or Mine Drainage Permit No.	Geological Name of Coal Bed	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 Nitrate	Dynamite			
			Depth:	Length:	Degrees:	Drift:	Gas-gas:	Non-gas:	Open:	Safety:	tric :			
Benjamin Coal Co. (Cont.)														
32820123	U.K.	25	-	-	-	-	-	-	-	-	-	-	-	
32820126	U.K., L.F.	28-39	-	-	-	-	-	-	-	-	-	-	-	
32823006	L.F.	27	-	-	-	-	-	-	-	-	-	-	-	
32823014	L.U.F., L.K.	30-34-32	-	-	-	-	-	-	-	-	-	434,200	6,400	11,100#
3973SM2	L.U.F., L.K.	30-34-32	-	-	-	-	-	-	-	-	-	760,900	11,100	19,500#
3973SM6	-	-	-	-	-	-	-	-	-	-	-	525,700	7,700	13,500#
3976SM12	U.K., L.F.	28-39	-	-	-	-	-	-	-	-	-	181,800	2,700	4,700#
3977SM2	L.F.	25	-	-	-	-	-	-	-	-	-	38,000	600	1,000#
3977SM13	U.K.	28	-	-	-	-	-	-	-	-	-	109,000	1,600	2,800#
3977SM14	L.U.F.	30-34	-	-	-	-	-	-	-	-	-	342,200	5,000	8,800#
TOTAL											3,516,600	51,600	90,300	
Bentley Coal Co., Inc.														
3279123	L.F.	30	-	-	-	-	-	-	-	-	-	187,632	1,085	-
32830102	L.F., U.K.	34	-	-	-	-	-	-	-	-	-	586,299	10,587	-
39A77SM4	L.K.	72	-	-	-	-	-	-	-	-	-	275,321	5,971	-
Auger-BAM-99	L.F.	30	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL											1,049,252	17,643	-	
Blairsville Associates														
32820124	U.K., L.F.	30	-	-	-	-	-	-	-	-	-	501,398	9,177	-
Buterbaugh Construction Co.														
32753041	U.F.	32	-	-	-	-	-	-	-	-	-	316,660	4,998	-
Coal Processing Services, Inc.														
32820101	L.K.	40	-	-	-	-	-	-	-	-	-	-	-	-
Cloe Mining Corp.														
32813007	L.F., U.F.	28-36	-	-	-	-	-	-	-	-	-	286,337	2,425	-
32830106	L.F.	20	-	-	-	-	-	-	-	-	-	136,009	1,649	-
TOTAL											422,346	4,074	-	
Devon Coal Co.														
32823019	L.F.	38	-	-	-	-	-	-	-	-	-	233,415	154,785	-

INDIANA COUNTY (Cont)

Operators and Mines/ or Mine Drainage Permit No.	Geological Name of Coal Bed	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	Gas	Gas	Open	Safety	Elec			
Doverspike Bros. Coal Co. 32830105	L.F.	42	-	-	-	-	-	-	-	-	-	52,705	1,181	1,214*
32820110	U.F.	60	-	-	-	-	-	-	-	-	-	-	-	-
G.L.T. Corp. 32813003	U.F.	30	-	-	-	-	-	-	-	-	-	-	-	-
Kent Coal Mining Co. 3279103(a)	Pittsburgh	132	-	-	-	-	-	-	-	-	-	-	-	-
32800102	Pittsburgh	132	-	-	-	-	-	-	-	-	-	20,100	-	70,025C
32800103	U.F.	42-45	-	-	-	-	-	-	-	-	-	333,482	4,483	16,700a
32800215 Refuse Cleaning Plant	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32810122	U.F.	40-44	-	-	-	-	-	-	-	-	-	340,917	750H	655,556C
32820116	Pittsburgh	90	-	-	-	-	-	-	-	-	-	1,030,400	6,805	22,110a
Auger-BAM-2001-155	U.F.	42-45	-	-	-	-	-	-	-	-	-	-	-	-
Auger-BAM-2001-182	U.F.	42-45	-	-	-	-	-	-	-	-	-	-	-	-
Auger-BAM-2001-188	U.F.	40-44	-	-	-	-	-	-	-	-	-	-	-	-
									TOTAL			1,724,899	12,038	764,391
Kostella Coal, Inc. 3279108	U.F.	42	-	-	-	-	-	-	-	-	-	99,650	1,709	-
Kraynak Coal Co. 366M23	U.L.F.	38	-	-	-	-	-	-	-	-	-	25,190	685	-
Lamkie Coal Co., Inc. 29688SM13	U.K., L.F.	26-30	-	-	-	-	-	-	-	-	-	295,100	4,300	7,600#
Latrobe Mining Co., Inc. 32823045	Pittsburgh	108	-	-	-	-	-	-	-	-	-	-	-	-
M.B. Energy, Inc. 32823049	U.F.	60	-	-	-	-	-	-	-	-	-	204,160	877	25,280
32830901	Pittsburgh	72	-	-	-	-	-	-	-	-	-	-	-	-
									TOTAL			204,160	877	25,280
Mears Enterprise, Inc. 32810128	U.F.	36	-	-	-	-	-	-	-	-	-	324,935	5,044	-
32820109(b)	L.F.	26	-	-	-	-	-	-	-	-	-	-	-	-
32823028	L.F.	34	-	-	-	-	-	-	-	-	-	-	-	-
									TOTAL			324,935	5,044	-

INDIANA COUNTY (Cont)

Operators and Mines/ or Mine Drainage Permit No.	Geological Name of Coal Bed	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:	:Gas- eous:	gas- eous:	:Flame Open:	Elec- Safety:	tric :				
Negley Coal Co., Inc.															
32753025	-	50	-	-	-	-	-	-	-	-	-	25,000	296	-	
39A77SM2	-	50	-	-	-	-	-	-	-	-	-	4,100	998	-	
												TOTAL	29,100	1,294	-
North American Coal Corp., The															
3273203(c)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
32800119	L.F.	34	-	-	-	-	-	-	-	-	-	-	-	-	
32810104	U.F.	72	-	-	-	-	-	-	-	-	-	29,130	461	-	
39A78BC4	L.F.	34	-	-	-	-	-	-	-	-	-	-	-	-	
Auger-BAM-2001-70	L.F.	34	-	-	-	-	-	-	-	-	-	-	-	-	
												TOTAL	29,130	461	-
North Cambria Fuel Co.															
32703032	L.F., L.K.	40	-	-	-	-	-	-	-	-	-	446,843	3,465	82,405	
32803027	U.L.F.	32-33	-	-	-	-	-	-	-	-	-	-	153	11,198	
32823026	U.F.	34	-	-	-	-	-	-	-	-	-	-	-	-	
												TOTAL	446,843	3,618	93,603
P & N Coal Co., Inc.															
32813011	U.L.F.	28-30	-	-	-	-	-	-	-	-	-	573,635	3,360	3,269*	
Pelbro Fuel Inc.															
3973SM11	L.F., L.K.	18-38	-	-	-	-	-	-	-	-	-	43,450	7,380	-	
Raymar Mining Co.															
32823024	L.U.F.	20	-	-	-	-	-	-	-	-	-	154,785	1,932	-	
Rochester & Pittsburgh Coal Co.															
3974SM5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Russellville Coal Co.															
32800101	L.F.	14	-	-	-	-	-	-	-	-	-	106,824	2,795	-	
Simpson, Marshall J.															
39A76SM3	Pittsburgh	96	-	-	-	-	-	-	-	-	-	16,800	567	1,895	
Sky Haven Coal, Inc.															
32800117	U.L.F.	23-26	-	-	-	-	-	-	-	-	-	13,562	170	-	

INDIANA COUNTY (Cont)

Operators and Mines/ or Mine Drainage Permit No.	Geological Name of Coal Bed	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:	Gas:	gas:	Open:	Safety:	tric :			
TLH Coal Co. 3976SM10/32763040	M.U.K.,U.L.F.	30	-	-	-	-	-	-	-	-	398,332	3,260	-
Twin Brook Coal Co. 32813001	Bakerstown	15	-	-	-	-	-	-	-	-	85,686	2,220	-
Valley Coal Co. 32800121	L.F.	-	-	-	-	-	-	-	-	-	-	-	-
Yenzi, Jr., John 3976SM5	U.L.F.	40	-	-	-	-	-	-	-	-	-	-	-
COUNTY TOTAL											15,201,256	328,807	1,023,915

Note: \* Caps  
# Primacord  
a Bionic B Mix  
C Comsol Bulk  
H Hi-Exp. Cast Booster

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