

LAWRENCE 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 | | Other Permis- sible (Name) | |
|--|--|-----------------------------|-----------------|--------|---------|-------|--------------|----------------------|-------------------------------|----------------------|-------|---------------------------|---------------------|-------------------------------------|----------|
| | | | Shaft | | Slope | | Drift | | Gas- eous | Non- Gas- eous | Flame | Elec- tric | Ammonium Nitrate | | Dynamite |
| | | | Depth | Length | Degrees | Drift | Gas- eous | Non- Gas- eous | | | | | | | |

No annuals received - therefore information
for this chart unavailable.

LYCOMING 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- eous | Non- Gas- eous | Flame Open | Elec- tric | Ammonium Nitrate | Dynamite | Other Permis- sible (Name) |
| | | | Depth | Length | Degrees | Drift | Gas- eous | Non- Gas- eous | | | | | | | |
| Fisher Mining Co. 41840101 | Kittanning | 36 | - | - | - | - | - | - | - | - | - | 922,500 | 91,518 | - | |
| 48170101 | " | 36 | - | - | - | - | - | - | - | - | - | 434,671 | 43,122 | - | |
| | | | | | | | | | | | | Total | 1,357,171 | 134,640 | - |
| | | | | | | | | | | | | County Total | 1,357,171 | 134,640 | - |

MERCER 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 | eous | Open | | | | | |
| H & D Coal Co. 43850108 | Brookville | 36 | - | - | - | - | - | - | - | - | - | 79,380 | 1,469 | 11,790 |
| Rusnak Coal Co. 43793003 | Brookville | 58 | - | - | - | - | - | - | - | - | - | - | - | - |
| Willowbrook Mining Co. 43860101 | Brookville/L.K. | 40 | - | - | - | - | - | - | - | - | - | 4,125,470 | 10,641 | 176,318 |
| County Total | | | | | | | | | | | | 4,204,850 | 12,110 | 188,108 |

Note: L.K. - Lower Kittanning

SOMERSET 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 | | Other Permis- sible (Name) | | |
|--|--|-----------------------------|-----------------|--------|---------|----------------|--------------|----------------------|-------------------------------|-------------------------|---------------------|---------------------------|--------------|-------------------------------------|---------------|---------------|
| | | | Shaft Depth | Slope | | Drift Drift | Gas- eous | Non- Gas- eous | Flame Open | Elec- tric Safety | Ammonium Nitrate | Dynamite | | | | |
| | | | | Length | Degrees | | | | | | | | | | | |
| Action Mining, Inc. | | | | | | | | | | | | | | | | |
| 56793032 | Pittsburgh | 108 | | | | | | | | | | | 523,375 | 5,607 | 7,612 | |
| 56793076 | Kittanning | 48 | | | | | | | | | | | - | - | - | |
| 56803015 | Pittsburgh/Redstone | 48-108 | | | | | | | | | | | 406,562 | 5,306 | 6,566 | |
| 56803020 | Pittsburgh/Redstone | 42-48 | | | | | | | | | | | 161,483 | 1,876 | 2,862 | |
| 56813062 | Redstone/Pittsburgh | 36-42 | | | | | | | | | | | 186,438 | 2,211 | 2,862 | |
| 56813104 | Kittanning | 42 | - | - | - | - | - | - | - | - | - | - | 131,800 | 794 | 1,233 | |
| 56823059 | Freeport | 30 | | | | | | | | | | | 81,735 | 1,094 | 1,363 | |
| 56823066 | Redstone/Pittsburgh | 48-108 | | | | | | | | | | | 571,377 | 7,329 | 10,964 | |
| 56840106 | Freeport | 30 | | | | | | | | | | | - | - | - | |
| 56860104 | U.L.F. | 36 | | | | | | | | | | | 465,383 | 3,497 | 4,763 | |
| 56870107 | Pittsburgh | 42 | | | | | | | | | | | 24,340 | 382 | 470 | |
| | | | | | | | | | | | | | Total | 2,552,493 | 28,096 | 38,619 |
| American Mining Co. | | | | | | | | | | | | | | | | |
| 56753121 | Kittanning | 25 | | | | | | | | | | | 80,702 | 4,205 | - | |
| 56823051 | Freeport | 27 | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | | | | | | | | | | | | | Total | 80,702 | 4,205 | - |
| Amerikohl Mining, Inc. | | | | | | | | | | | | | | | | |
| 56870104 | Allegheny | 30 | | | | | | | | | | | 42,403 | 1,569 | - | |
| 56880101 | " | 36 | - | - | - | - | - | - | - | - | - | - | 41,152 | 3,719 | - | |
| | | | | | | | | | | | | | Total | 83,555 | 5,288 | - |
| Badger Coal Co., Inc. | | | | | | | | | | | | | | | | |
| 56703107 | U.K. | 54 | | | | | | | | | | | - | - | - | |
| 56793064 | L.F. | 38 | - | - | - | - | - | - | - | - | - | - | 55,883 | 1,049 | 1,555 | |
| Auger BAM | N.A. | - | | | | | | | | | | | - | - | - | |
| | | | | | | | | | | | | | Total | 55,883 | 1,049 | 1,555 |
| Bauermaster Coal Co., Inc. | | | | | | | | | | | | | | | | |
| 56830107 | AMES | 28 | - | - | - | - | - | - | - | - | - | - | - | - | - | |

SOMERSET COUNTY (Continued)

| Operators and Mines/ or Surface Mine Permit No. | Name of Coal or Geological Formation | Height of Seam Inches | Kind of Opening | | | | | Non- 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 | | | | | | | | | | |
| Beachy & Beachy Coal Co. 56830102 | Redstone/Pittsburgh | 42-84 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| C & O Coal Co. 56823108 | U.F. | 28 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Chambers Development Co. Inc./ Southern Alleghenies Disposal Ser. Inc. 56890104-01 | Freeport/L.K. | 24 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Commonwealth Coals, Inc. 56663117 | L.F. | 16 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Cooney Bros. Coal Co. 56743138 | Mercer, Brookville, Clarion, U.K. | 36 | - | - | - | - | - | - | - | - | - | 650,000 | 40,000 | - | - |
| Croner, Inc. 56663094 | See Note #1 | - | - | - | - | - | - | - | - | - | - | 561,630 | 5,547 | 56,299 | - |
| 56693080 | M.K. | 38 | - | - | - | - | - | - | - | - | - | 12,300 | 42 | - | - |
| 56723082 | L.F. | 22 | - | - | - | - | - | - | - | - | - | 13,200 | 62 | 1,365 | - |
| 56753090 | Pittsburgh | 34 | - | - | - | - | - | - | - | - | - | 132,550 | 520 | 1,400 | - |
| 56880109 | See Note #4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 56803093 | @ | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 56823008 | U.F. | 26 | - | - | - | - | - | - | - | - | - | 3,030 | 42 | - | - |
| 56823033 | See Note #3 | - | - | - | - | - | - | - | - | - | - | 28,400 | 136 | - | - |
| 56850109 | U.K. | 32 | - | - | - | - | - | - | - | - | - | 74,500 | 264 | 420 | - |
| 56860101 | See Note #5 | - | - | - | - | - | - | - | - | - | - | 337,590 | 2,398 | 19,270 | - |
| 56860105 | See Note #2 | - | - | - | - | - | - | - | - | - | - | 119,930 | 1,702 | 39,035 | - |
| 56870103 | U.F. | 42 | - | - | - | - | - | - | - | - | - | 148,800 | 1,330 | 23,590 | - |
| Total | | | | | | | | | | | | 1,431,930 | 12,043 | 141,379 | |

SOMERSET COUNTY (Continued)

| Operators and Mines/ or Surface Mine Permit No. | Name of Coal or Geological Formation | Height of Seam Inches | Kind of Opening | | | | Non- Gas- eous | Non- Gas- eous | Number and Type Lamps Used | | | Pounds of Explosives Used | | Other Permis- sible (Name) | | |
|--|--|-----------------------------|-----------------|-------|--------|-------|----------------------|----------------------|-------------------------------|--------------|--------|---------------------------|---------------|-------------------------------------|---------------------|----------|
| | | | Shaft | Slope | | Drift | | | Gas- eous | Gas- eous | Open | Safety | Elec- tric | | Ammonium Nitrate | Dynamite |
| | | | | Depth | Length | | | | | | | | | | | |
| Diamond T Coal Co. 56693103 56703124 | U.F./M.L.K. U.L.F./U.M.K. | 28-60-72 36-28-24-60 | - | - | - | - | - | - | - | - | - | - | - | - | | |
| East Ridge Mining, Inc. 56823044 | L.F. | 24 | - | - | - | - | - | - | - | - | - | 110,220 | 875 | - | | |
| Fieg Bros. Coal Co. 56840110 56890106 | Lo. Pittsburgh Morantown/Pittsburgh | 22 60-40 | - | - | - | - | - | - | - | - | - | - | - | - | | |
| First American Development Co. 56813047 | U.M.K. | 40 | - | - | - | - | - | - | - | - | - | 822,534 | 7,493 | - | | |
| Godin Bros., Inc. 56890108 | M.L.K. | 70 | - | - | - | - | - | - | - | - | - | 45,080 | - | 363 | | |
| Godin & Goden Coal, Inc. 5684011 56860102 | M.L.K. U.K. | 76 60 | - | - | - | - | - | - | - | - | - | 332,480 - | - - | 3,071 - | | |
| Heritage Mining 56870102 56880113 | U.K. M.K. | 56 24 | - | - | - | - | - | - | - | - | - | 30,000 - | - - | - - | | |
| Total | | | | | | | | | | | 30,000 | - | - | | | |

SOMERSET 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- Safety | Elec- tric | Ammonium Nitrate | Dynamite | Other Permis- sible (Name) |
| | | | Depth | Length | Degrees | Drift | Gas- eous | Gas- eous | | | | | | | | |
| Hilltop Mining, Inc. 56663125 | U.F. | 30 | | | | | | | | | | | 54,963 | 391 | 343 | |
| 56820103 | Lo. Bakerstown | 22 | | | | | | | | | | | - | - | - | |
| 56820106 | Lo. Bakerstown | 22 | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 56830114 | Lo. Bakerstown | 30 | | | | | | | | | | | 89,420 | 530 | 305 | |
| 56870101 | U.F. | 30 | | | | | | | | | | | 64,460 | 360 | 188 | |
| | | | | | | | | | | | | | Total | 208,843 | 1,281 | 836 |
| Hoffman Mining, Inc. 56713105 | M.L.K. | 6-72 | - | - | - | - | - | - | - | - | - | - | 124,550 | 3,105 | 14,609 | |
| Ilers Run Coal Co., Inc. 56783111 | Allegheny | 30 | - | - | - | - | - | - | - | - | - | - | 59,464 | 1,071 | - | |
| J. & R. Coal Sales, Inc. 56870201 | Refuse | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Jenners, Inc. 5673119 | L.K. | 60 | - | - | - | - | - | - | - | - | - | - | 38,937 | - | 610 | |
| Laura D. Coal, Inc. 56663117 | L.F. | 18 | | | | | | | | | | | - | - | - | |
| 56880104 | U.F. | 42 | - | - | - | - | - | - | - | - | - | - | 110,470 | 3,565 | 515 | |
| Lochrie, Gilbert 56823097 | M.K. | 23 | | | | | | | | | | | 10,000 | - | - | |
| 56840101 | M.K. | 26 | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | | | | | | | | | | | | | Total | 10,000 | - | - |
| Metco Mining & Mining, Inc. 56840103 | Bituminous | 48 | - | - | - | - | - | - | - | - | - | - | 250 | 2,000 | 2,000 | |

SOMERSET 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 | Slope Degrees | Drift Drift | Gas- eous | Non- Gas- eous | Open | Flame Safety | Elec- tric | Ammonium Nitrate | Dynamite | Other Permis- sible (Name) |
| | | | | | | | | | | | | | | |
| N. S. M. Coals, Inc. 5684103 | U.K. | 24-36 | - | - | - | - | - | - | - | - | - | - | - | - |
| PBS Coals, Inc. 56663098 | L.F./U.K. | 24-30 | - | - | - | - | - | - | - | - | - | - | - | - |
| 56713039 | U.K. | 36 | - | - | - | - | - | - | - | - | - | - | - | - |
| 56773028 | U.K./L.F. | 30-32 | - | - | - | - | - | - | - | - | - | - | - | - |
| Potocher & Potocher Coal Co. 56870105 | U.K. | 30 | - | - | - | - | - | - | - | - | 55,232 | 464 | - | - |
| Reimer, Inc. 56663112 | L.K./M.K. | 24-60 | - | - | - | - | - | - | - | - | - | - | - | - |
| Sanner Energies, Inc. 56813005 | Bakerstown | 24 | - | - | - | - | - | - | - | - | 156,600 | 1,719 | 1,813 | - |
| 56850112 | Bakerstown/Brushcreek | 24 | - | - | - | - | - | - | - | - | 28,180 | 462 | 473 | - |
| | | | | | | | | | | | Total | 184,780 | 2,181 | 2,286 |
| Scurfield Coal, Inc. 56733072 | U.K./U.L.F. | 48-63-30 | - | - | - | - | - | - | - | - | 581,935 | 3,240 | 4,657 | - |
| 56823142 | U.K. | 48 | - | - | - | - | - | - | - | - | 97,685 | 1,020 | 1,021 | - |
| 56880107 | U.K. | 48 | - | - | - | - | - | - | - | - | - | - | - | - |
| | | | | | | | | | | | Total | 679,620 | 4,260 | 5,678 |
| Shade, Inc. 4173SM6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 56813049 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 56813050 | L.F./M.L.K. | 14-76 | - | - | - | - | - | - | - | - | 617,490 | 9,766 | 20,210 | - |
| | | | | | | | | | | | Total | 617,490 | 9,766 | 20,210 |

SOMERSET 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 | | | | | | | | | | |
| Shaffer Bros. Coal Co., Inc. 56860107 | L.K. | 32 | - | - | - | - | - | - | - | - | - | - | - | - | |
| Soberdash Coal & Coke Co. 56673133 56733134 | - - | - 42 | - | - | - | - | - | - | - | - | - | - | - | - | |
| Total | | | | | | | | | | | 238,642 | 1,795 | 2,518 | | |
| Streamline, Inc. 56673133 | Brookville | 96 | - | - | - | - | - | - | - | - | - | - | - | - | |
| Svonavec, Inc. 56763114 56793091 56830105 56850108 56880110 56890102 | U.F. U.F. Brush Creek U.K./U.F. U.F. U.F. | 30 30 26 36 30 30 | - | - | - | - | - | - | - | - | - | 6,532 163,148 154,475 | - - - | - - - | - - - |
| Total | | | | | | | | | | | 324,155 | - | - | | |
| Three S Coal, Co. 56823065 56860106 56880105 | L.K. M.K.K. L.K. | 72 30-60 60 | - | - | - | - | - | - | - | - | - | 40,150 8,600 | 10,345 1,414 | - - | - - |
| Total | | | | | | | | | | | 48,750 | 11,759 | - | | |
| Windber High Standard Coal Co. 56793078 56830108 | Brushcreek L.M.U.K. | 24 55 | - | - | - | - | - | - | - | - | - | 51,459 - | 987 - | - - | - - |
| Total | | | | | | | | | | | 51,459 | 987 | - | | |

SOMERSET 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 | | Other Permis- sible (Name) | |
|--|--|-----------------------------|-----------------|-----------------|------------------|----------------|--------------|----------------------|-------------------------------|-----------------|---------------|---------------------------|----------|-------------------------------------|---|
| | | | Shaft Depth | Slope Length | Drift Degrees | Drift Drift | Gas- eous | Non- Gas- eous | Open | Flame Safety | Elec- tric | Ammonium Nitrate | Dynamite | | |
| | | | | | | | | | | | | | | | |
| Y & M Salvage 568302201 | Refuse | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Yellow Run Coal Co. 56663037 | U.K. | 36 | - | - | - | - | - | - | - | - | - | 110,280 | 49,287 | - | |
| Zubek, Inc. 56663135 | U.K. | 26 | - | - | - | - | - | - | - | - | - | 47,718 | 415 | - | |
| 56813011 | Lo. Bakerstown | 22 | - | - | - | - | - | - | - | - | - | 98,406 | 691 | - | |
| 56870106 | U.F. | 40 | - | - | - | - | - | - | - | - | - | 111,341 | 969 | - | |
| Total | | | | | | | | | | | 257,465 | 2,075 | - | | |
| County Total | | | | | | | | | | | 9,315,264 | 192,645 | 234,249 | | |

Note: @ Coal Exhausted

| Geological Formation | Height of Seam Inches | Geological Formation | Height of Seam Inches |
|---------------------------|-----------------------|--|-----------------------|
| Note No. 1 Sewickley | 14 | Note No. 4 Blue Lick Rider | 14 |
| Redstone Rider | 12 | Blue Lick | 34 |
| Redstone | 48 | Note No. 5 Upper Kittanning | 32 |
| Blue Lick Rider | 12 | Clarion | 38 |
| Blue Lick | 34 | | |
| Note No. 2 Redstone | 44 | Symbols for Geological Name of Coal Bed: | |
| Blue Lick Rider | 14 | UK - Upper Kittanning | |
| Blue Lick | 32 | MK - Middle Kittanning | |
| Note No. 3 Redstone Rider | 12 | LK - Lower Kittanning | |
| Redstone | 48 | UF - Upper Freeport | |
| Blue Lick Rider | 12 | MF - Middle Freeport | |
| Blue Lick | 34 | LF - Lower Freeport | |

TIOGA 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 | | Other Permis- sible (Name) | |
|--|--|-----------------------------|-----------------|-----------------|------------------|----------------|--------------|-------------------------------|---------------|---------------|---------------------------|------------------|-------------------------------------|----------|
| | | | Shaft Depth | Slope Length | Drift Degrees | Drift Drift | Gas- eous | Non- Gas- eous | Flame Open | Elec- tric | Ammonium Nitrate | Dynamite | | |
| | | | | | | | | | | | | | | |
| Antrim Mining, Inc. 59850101-02 | Morgan | 22 | | | | | | | | | 5,800 | 87 | * | |
| 59870102 | Morgan/Bloss | 24-48 | - | - | - | - | - | - | - | - | 744,860 | 5,153 | * | |
| 59870102-02 | Morgan | 28 | | | | | | | | | 369,813 | 2,735 | * | |
| | | | | | | | | | | | Total | 1,120,473 | 7,975 | - |
| | | | | | | | | | | | County Total | 1,120,473 | 7,975 | - |

Note: Caps & Primers

VENANGO 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 | | Other Permis- sible (Name) | | | |
|--|--|-----------------------------|-----------------|--------|---------|----------------|--------------|----------------------|-------------------------------|-----------------|---------------|---------------------------|-----------|-------------------------------------|---------|---|---|
| | | | Shaft Depth | Slope | | Drift Drift | Gas- eous | Non- Gas- eous | Open | Flame Safety | Elec- tric | Ammonium Nitrate | Dynamite | | | | |
| | | | | Length | Degrees | | | | | | | | | | | | |
| Total | | | | | | | | | | | | | 445,600 | - | - | | |
| Total | | | | | | | | | | | | | 756,050 | - | - | | |
| Total | | | | | | | | | | | | | 1,201,650 | - | - | | |
| Glacial Minerals, Inc. | | | | | | | | | | | | | | | | | |
| 61810103 | Up. Clarion | 28 | | | | | | | | | | | | | | | |
| 61820111 | " " | 26 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| H & D Coal Co. | | | | | | | | | | | | | | | | | |
| 3074SM5 | Brookville | 30 | | | | | | | | | | | | | | | |
| 61803002 | Brookville | 38 | | | | | | | | | | | | | | | |
| 61860101 | Brookville/L.K. | 60 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 61860105 | " " | 60 | | | | | | | | | | | | | | | |
| 61880104 | Brookville | 30 | | | | | | | | | | | | | | | |
| 61890101 | " | 30 | | | | | | | | | | | | | | | |
| Total | | | | | | | | | | | | | 903,584 | 8,069 | 33,424 | | |
| Total | | | | | | | | | | | | | 169,400 | 1,585 | 7,980 | | |
| Total | | | | | | | | | | | | | 3,491,824 | 28,533 | 196,594 | | |
| Pengrove Coal Co. | | | | | | | | | | | | | | | | | |
| 61840106 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 61850102 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| County Total | | | | | | | | | | | | | 4,693,474 | 28,533 | 196,594 | | |

Note: # Wet Hole
L.K. - Lower Kittanning

WASHINGTON 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 | | Other Permis- sible (Name) | |
|---|--|-----------------------------|-----------------|--------|---------|----------------|--------------|-------------------------------|---------------|-----------------|---------------------------|---------------------|-------------------------------------|---------------|
| | | | Shaft Depth | Slope | | Drift Drift | Gas- eous | Non- Gas- eous | Flame Open | Elec- Safety | Elec- tric | Ammonium Nitrate | | Dynamite |
| | | | | Length | Degrees | | | | | | | | | |
| American Coal Co. 63850109 | Pittsburgh | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Bologna Mining Co. | | | | | | | | | | | | | | |
| 63793003 | Pittsburgh 8 | - | | | | | | | | | | | | |
| 63803001 | " 8 | 48 | | | | | | | | | | | | |
| 63823037 | " 8 | 48 | | | | | | | | | 117,600 | 2,300 | 10,500 | |
| 6383002 | " 8 | 48 | - | - | - | - | - | - | - | - | | | | |
| 63831601 | " 8 | 48 | | | | | | | | | 29,700 | 1,100 | 1,200 | |
| 63840101 | " 8 | 48 | | | | | | | | | 158,200 | 1,700 | 3,400 | |
| 63850103 T | " 8 | 48 | | | | | | | | | 3,200 | 1,400 | - | |
| | | | | | | | | | | | Total | 308,700 | 6,500 | 15,100 |
| Boyle Land & Fuel | | | | | | | | | | | | | | |
| 63823036 | Waynesburg | 48-52 | | | | | | | | | 246,270 | 936 | 1,451 | |
| 63850106 | " | 48-52 | - | - | - | - | - | - | - | - | 508,832 | 1,615 | 2,392 | |
| | | | | | | | | | | | Total | 755,102 | 2,551 | 3,843 |
| Cherokee Coal Co. 63870104 | Redstone | 42 | - | - | - | - | - | - | - | - | - | - | - | - |
| Dosse Contracting, Inc. 63830102 Auger-BAM 3320 | Pittsburgh " | 72 72 | - | - | - | - | - | - | - | - | - | - | - | - |
| EAP Industries 63870101 | Industries Pittsburgh | 50 | - | - | - | - | - | - | - | - | 26,332 | 205 | - | |
| Goodall, Robert B. 63823020 | Pittsburgh | 132 | - | - | - | - | - | - | - | - | 18,234 | 507 | 600 | |

WASHINGTON 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 | | Other Permis- sible (Name) | | |
|--|--|-----------------------------|-----------------|-----------------|------------------|----------------|--------------|----------------------|-------------------------------|-----------------|---------------|---------------------------|----------|-------------------------------------|---------|--------|
| | | | Shaft Depth | Slope Length | Drift Degrees | Drift Drift | Gas- eous | Non- Gas- eous | Open | Flame Safety | Elec- tric | Ammonium Nitrate | Dynamite | | | |
| | | | | | | | | | | | | | | | Total | |
| Pangersis Coal Co. 63743005 | Pittsburgh 8 | 60 | | | | | | | | | | | | | | |
| 63803009 | " 8 | 60 | - | - | - | - | - | - | - | - | - | 283,580 | 4,557 | - | | |
| | | | | | | | | | | | | Total | | 283,580 | 4,557 | - |
| Penn Balt, Inc. 63860103 | Pittsburgh 8 | 60 | | | | | | | | | | | | | | |
| 63860104 | " 8 | 60 | - | - | - | - | - | - | - | - | - | | | | | |
| Pennsylvania Coal Reclamation, Inc. 63820201 | Refuse | - | - | - | - | - | - | - | - | - | - | | | | | |
| Pennweir Construction Co. 63683002 | Pittsburgh 8 | 48 | - | - | - | - | - | - | - | - | - | | | | | |
| 63840102 | " 8 | 48 | | | | | | | | | | | | | | |
| Robinson Coal Co. 63840106/6380101/63870102 | Pittsburgh | 50 | - | - | - | - | - | - | - | - | - | | | | | |
| Rostosky Coal Co., Joseph 63830103 | Waynesburg | 44 | | | | | | | | | | | | | | |
| 63850111 | Waynesburg | 44 | | | | | | | | | | 17,200 | 79,000 | | | |
| 63850112 | " | 44 | | | | | | | | | | 40,470 | 17,200 | | | |
| | | | | | | | | | | | | Total | | 57,670 | 96,200 | - |
| Twilight Industries, Div. of U.S. Natural Resources, Inc. 63793031 | Waynesburg | 52 | - | - | - | - | - | - | - | - | - | 233,556 | 998 | | | |
| Warrick, H. E. 63850113 | Coal | 40 | - | - | - | - | - | - | - | - | - | | | | | |
| | | | | | | | | | | | | County Total | | 1,683,174 | 111,518 | 19,543 |

357

WASHINGTON 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 | Non- Gas | Flame | Elec- tric | Ammonium Nitrate | Dynamite | Other Permis- sible (Name) |
| | | | Depth | Length | Degrees | Drift | eous | eous | Open | | | | | |
| Empire Fuel Corp. 63793203 | Refuse | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Petricca, Dan 63880101 | Pittsburgh | 54 | - | - | - | - | - | - | - | - | - | - | - | - |
| Petricca, James 63830101 | Pittsburgh | 54 | - | - | - | - | - | - | - | - | - | - | - | - |
| Addendum Total | | | | | | | | | | | - | - | - | |

WESTMORELAND 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 Depth | Slope | | Drift Drift | Non- Gas- eous | Flame | Elec- tric | Ammonium Nitrate | Dynamite | Other Permis- sible (Name) | |
| | | | | Length | Degrees | | | | | | | | |
| American Coal Co. 63850109 | Unknown | - | | | | | | | | | | | |
| 65850105 | " | - | - | - | - | - | - | - | - | - | - | - | |
| 65850109 | " | - | | | | | | | | | | | |
| Bituminous Processing Co. 65823202 (b) refuse | Unknown | - | | | | | | | | | | | |
| 65825202 (c) refuse | " | - | - | - | - | - | - | - | - | - | - | - | |
| Bizich, Charles 65880108 | Pittsburgh | 96 | - | - | - | - | - | - | - | - | - | - | |
| Buchinsky Bros. Coal 65840115 | U.F. | 42 | - | - | - | - | - | - | - | - | - | - | |
| Coal & Mineral Sales, Inc. 65880104 | Waynesburg | 60 | - | - | - | - | - | - | - | - | - | - | |
| Davis Coal 65860110 | Pittsburgh | 72 | - | - | - | - | - | - | - | 4,000 | 197 | - | |
| Derry International, Ltd. 65870106 | Pittsburgh | 96 | - | - | - | - | - | - | - | - | - | - | |
| Diamond Coal & Coke Co. 65860103 | Pittsburgh | 60 | - | - | - | - | - | - | - | - | - | - | |
| Fair Ex. Coal Co., Inc. 65880102 | Pittsburgh | 72 | - | - | - | - | - | - | - | - | - | - | |

WESTMORELAND 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 | | Other Permis- sible (Name) |
|--|--|-----------------------------|-----------------|--------|---------|----------------|--------------|----------------------|-------------------------------|--------|---------------|---------------------------|---------------|-------------------------------------|
| | | | Shaft Depth | Slope | | Drift Drift | Gas- eous | Non- Gas- eous | Open | Safety | Elec- tric | Ammonium Nitrate | Dynamite | |
| | | | | Length | Degrees | | | | | | | | | |
| FRB, Inc. 65830109 | Pittsburgh | 84 | - | - | - | - | - | - | - | - | - | - | - | - |
| G. K. & G. Inc. 65840201 | Refuse | - | - | - | - | - | - | - | - | - | - | - | - | - |
| International Coal Processing Corp. 65840202 T | Refuse | - | - | - | - | - | - | - | - | - | - | - | - | - |
| K.M.P. Associates 65850101 | Pittsburgh | 84 | - | - | - | - | - | - | - | - | 700 | 50 | - | - |
| Kowanski, Frank 65703058 | Pittsburgh | 60 | - | - | - | - | - | - | - | - | - | - | - | - |
| 65723055 | " | 60 | - | - | - | - | - | - | - | - | 7,865 | - | - | - |
| Latimer Construction Co., Inc. 65840103 | Pittsburgh | 72 | - | - | - | - | - | - | - | - | - | - | - | - |
| 65840111 | " | 72 | - | - | - | - | - | - | - | - | 508,965 | 7,616 | - | - |
| 65840117 | " | 72 | - | - | - | - | - | - | - | - | 60,572 | 386 | - | - |
| 65850114 | " | 72 | - | - | - | - | - | - | - | - | - | - | - | - |
| | | | | | | | | | | | Total | 569,537 | 8,002 | - |
| M. B. Energy, Inc. 65830101 | U.L.F. | 42 | - | - | - | - | - | - | - | - | - | - | - | - |
| 65840119 | Redstone/Pittsburgh | 30-72 | - | - | - | - | - | - | - | - | 4,800 | 221 | - | - |
| 65840120 | " | 36-72 | - | - | - | - | - | - | - | - | - | - | - | - |
| 65850104 | Redstone | 42 | - | - | - | - | - | - | - | - | 129,526 | 602 | - | - |
| 65860105 | M.L.K./L.F. | 24-42-34 | - | - | - | - | - | - | - | - | 805,215 | 14,158 | - | - |
| 65860109 | Pittsburgh | 72 | - | - | - | - | - | - | - | - | - | - | - | - |
| | | | | | | | | | | | Total | 939,541 | 14,981 | - |

WESTMORELAND 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 | Elec- tric | Ammonium Nitrate | Dynamite | Other Permis- sible (Name) |
| | | | Depth | Length | Degrees | Drift | Gas- eous | Non- Gas- eous | | | | | | | |
| Mehalic Bros. 65840108-03 65880107 | Pittsburgh Pittsburgh | .84 84 | - | - | - | - | - | - | - | - | - | - | - | - | |
| Miller, Eric Jr. 65840118 | Pittsburgh | 60 | - | - | - | - | - | - | - | - | - | - | - | - | |
| Negley Coal Co., Inc. 65850108 | Pittsburgh | 72 | - | - | - | - | - | - | - | - | - | 24,840 | 160 | 284 | |
| Paulisick, Robert M. 65860107 | Pittsburgh | 72 | - | - | - | - | - | - | - | - | - | 140,758 | 1,770 | - | |
| Purco Coal Inc. 65773019 | U.L.F. | 60 | - | - | - | - | - | - | - | - | - | - | 66,186 | - | |
| Smith Co., Inc., V.P. 65840121 65850102 65830115 | Pittsburgh " " | 72 60 72 | - | - | - | - | - | - | - | - | - | - | - | - | |
| Solstat Coal Co. 65850201 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Sosko Coal Co., Inc. 6588011 | Pittsburgh | 96 | - | - | - | - | - | - | - | - | - | - | - | - | |

WESTMORELAND COUNTY (Continued)

| 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 | Slope | | Drift | Open | | | Flame | Elec- tric | Ammonium Nitrate | Dynamite | Other Permis- sible (Name) | |
| | | | | Depth | Length | | | | | | | | | | Degrees |
| Visnic, Dana L. 65813020T | Sewickley/Redstone | | 24-28 | - | - | - | - | - | - | - | - | 480 | 211 | - | |
| Walchal, Inc. 65880110 | Pittsburgh | 72 | - | - | - | - | - | - | - | - | - | 300 | - | - | |
| Addendum County Total | | | | | | | | | | | | 1,688,021 | 91,557 | 284 | |

Note: 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