

PENNSYLVANIA DEPARTMENT OF MINES AND MINERAL INDUSTRIES


TREATMENT PLANT STUDY
CARBON RUN - SHAMOKIN CREEK WATERSHED


NUMBER	NAME OF COMPANY	MUNICIPALITY	COUNTY	TRIBUTARY STREAM	RIVER	TYPE OF DISCHARGE	GALLONS PER DAY	C.F.S.	pH	ALKALINITY PPM	ACIDITY PPM	IRON	REMARKS
<u>BREAKERS LOCATED ON CARBON RUN AND SHAMOKIN CREEK CONTINUED</u>													
90	Split Vein Coal Co.	Shamokin Township	Northumberland	Shamokin Creek	Susquehanna	Gravity	135,000						
93	Swift Coal Sales	Ralpho Township	Northumberland	Shamokin Creek	Susquehanna	Gravity	130,000						
120	Ace Coal Company	Ralpho Township	Northumberland	Shamokin Creek	Susquehanna	Gravity							
121	Bar - Mac Coal Co. No.2 Blended Breaker	Ralpho Township	Northumberland	Shamokin Creek	Susquehanna	Gravity							


ACTIVE MINES ON SHAMOKIN CREEK WATERSHED TRIBUTARY TO MAHANOX CREEK


W-159	G.M.P. Coal Co. Bottom Split Slope	Mt. Carmel Township	Northumberland	Mahanoy Creek	Susquehanna	Gravity							South of Locust Gap Village water gravitates underground via Mine workings outfall at Helfenstein Drainage Tunnel.
W-160	Zanella Brothers Primrose Slope	Mt. Carmel Township	Northumberland	Mahanoy Creek	Susquehanna	Gravity							1200' South East of Locust Gap Village. Water gravitates underground via. Mine workings outfall at Helfenstein drainage Tunnel.
W-161	B & S Coal Co. Primrose Slope	Mt. Carmel Township	Northumberland	Mahanoy Creek	Susquehanna	Gravity							1500' South east of Locust Gap Village. Water gravitates underground via. Mine workings outfall at Helfenstein Drainage Tunnel.


 ACTIVE DEEP MINES - GRAVITY


 ACTIVE DEEP MINES - UNDERGROUND FLOW TO ABANDONED DEEP MINE


 ABANDONED STRIP MINE PITS - ENTERING DEEP MINE


 ACTIVE DEEP MINES - PUMPING

 ABANDONED DEEP MINES - GRAVITY

 OUTFALL - REENTERING ABANDONED DEEP MINE

 ACTIVE DEEP MINES - PUMPING TO SURFACE REENTRY INTO DEEP MINE

 ABANDONED STRIP MINES - GRAVITY

 STREAMS - ENTERING ABANDONED MINES VIA CROP FALLS AND STRIP MINE PITS

 BREAKERS