




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
BREAKERS LOCATED ON CARBON RUN AND SHAMOKIN CREEK													
89	Rosini Coal Company	Coal Township	Northumberland	Carbon Run Shamokin Creek	Susquehanna	Gravity	485,000		5.0		188	30	South 5th Street, Shamokin- Water pumped from Carbon Run. Overflow from quiescent area of sedimentation basin reenters Carbon Run.
115	Glen Burn Colliery, Inc.	Coal Township	Northumberland	Shamokin Creek	Susquehanna	Gravity	310,000						North of Shamokin - Water pumped from Cameron Mine. Overflow from quiescent area of sedimentation basin reenters Cameron Mine. Outfall at W-37.
107	Ranshaw Transportation and Auto Wreckers Company	Coal Township	Northumberland	Shamokin Creek	Susquehanna	Gravity	270,000						S.W. of Ranshaw - Water pumped from Shamokin Creek. Overflow from quiescent area of sedimentation basin reenters Shamokin Creek.
77	State Coal Company, Inc.	Mt. Carmel Township	Northumberland	Quaker Run Shamokin Creek	Susquehanna		2,520,000						1,000 feet North of Strong Village Water pumped from Pennsylvania Shaft. Discharge from preparation plant reenters Pennsylvania Mine. Outfall at W-44.
75	Diamond Coal Company	Mt. Carmel	Northumberland	Shamokin Creek	Susquehanna		840,000						600 feet North of Atlas- Water pumped from North Branch of Shamokin Creek. Overflow from quiescent area of sedimentation basin reenters Shamokin Creek.
119	Bridy, Incorporated	Mt. Carmel	Northumberland	Shamokin Creek	Susquehanna	Gravity							500 feet South of Atlas - Water pumped from Sioux Mine. Discharge from preparation plant reenters mine workings via borehole. Outfall at W-46.
76	Savitsky Brothers Coal Sales	Mt. Carmel Township	Northumberland	Shamokin Creek	Susquehanna	Gravity	105,000		4.8	9	86	6.8	South of Atlas - Water pumped from Sioux Mine. Overflow from quiescent area of sedimentation basin enters Reliance Pool via crop fall. Outfall at W-46.
81	Bar-Mac Coal Co. No. 1 Slo-Burn Breaker	Shamokin Township	Northumberland	Shamokin Creek	Susquehanna	Gravity	46,000						
82	D & Z Coal Company	Shamokin Township	Northumberland	Shamokin Creek	Susquehanna	Gravity	150,000						
83	Diminick Coal Sales	Shamokin Township	Northumberland	Shamokin Creek	Susquehanna	Gravity	37,500						
85	Hoover Coal Company	Ralpho Township	Northumberland	Shamokin Creek	Susquehanna	Gravity	10,000						
86	K & D Coal Company	Ralpho Township	Northumberland	Shamokin Creek	Susquehanna	Gravity	12,000						
87	Lower Region Colliery Inc.	Coal Township	Northumberland	Zerbe Shamokin Creek	Susquehanna	Gravity	14,400						
88	Reidinger Coal Service Inc.	Shamokin Township	Northumberland	Shamokin Creek	Susquehanna	Gravity	45,000						


 ACTIVE DEEP MINES - GRAVITY


 ACTIVE DEEP MINES - PUMPING


 ACTIVE DEEP MINES - PUMPING TO SURFACE REENTRY INTO DEEP MINE


 ACTIVE DEEP MINES -UNDERGROUND FLOW TO ABANDONED DEEP MINE


 ABANDONED DEEP MINES - GRAVITY

 ABANDONED STRIP MINES - GRAVITY

 BREAKERS

 ABANDONED STRIP MINE PITS- ENTERING DEEP MINE

 OUTFALL- REENTERING ABANDONED DEEP MINE

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