

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>ABANDONED DEEP MINES - OUTFALLS - continued</u>													
W-109	Eridy Incorporated Deep Well Pump	Mt. Carmel Township	Northumberland	Shamokin Creek	Susquehanna	Pumping							500 feet South of Atlas - Water is pumped from Sioux Mine Workings for coal preparation. Breaker discharge reenters mine workings via borehole. Outfall at W-46.
W-90	Savitsky Brothers Coal Sales	Mt. Carmel Township	Northumberland	Shamokin Creek	Susquehanna	Pumping	105,000		4.8	9	86	6.8	South of Atlas - Water is pumped from Sioux Mine Workings for coal preparation. Overflow from quiescent area of settling dam enters Reliance Pool via crop fall. Outfall at W-46.
<u>ABANDONED STRIP MINES - OUTFALLS</u>													
W-129	Zerbe Township Stripping	Zerbe Township	Northumberland	Carbon Run Shamokin Creek	Susquehanna	Gravity	1,440,000						4,000 feet N.W. of North Mountain Tunnel - Water overflows from pit to Carbon Run.
W-131	North Mountain Stripping	Zerbe Township	Northumberland	Carbon Run Shamokin Creek	Susquehanna	Gravity	72,000						500 feet South of North Mountain Tunnel - Water overflows from backfilled strip pit to Carbon Run.
W-46	Excelsior Stripping Pit	Coal Township	Northumberland	Shamokin Creek	Susquehanna	Gravity	8,208,000						500 feet East of Excelsior Village - Water overflows from strip pit to Shamokin Creek.
W-113	Natalie Stripping Pit	Mt. Carmel Township	Northumberland	Shamokin Creek	Susquehanna	Gravity	72,000						2,000 feet South of Natalie Village - Water overflows from strip pit and joins flow from Natalie Tunnel W-77, then flows South through open ditch. Seeps into Hickory Swamp Mine Workings. Outfall at W-37.
<u>STREAMS ENTERING ABANDONED MINES</u>													
W-138	Excelsior Reservoir Overflow	Coal Township	Northumberland	Shamokin Creek	Susquehanna	Gravity	216,000						2,000 feet S.W. of WISL Radio Towers - Reservoir overflow flows South through open ditch. Enters Enterprise Pool via strip mine pit. Outfall at W-46.
W-150	Stream	Conyngham Township	Columbia	N. Branch Shamokin Creek	Susquehanna	Gravity	72,000						1,500 feet South of Wilburton No. 1 - Stream flows South. Enters Sioux Pool via strip mine pit. Outfall at W-44.
W-151	Stream	Conyngham Township	Columbia	N. Branch Shamokin Creek	Susquehanna	Gravity	14,400						1,500 feet West of Wilburton No. 1 - Stream flows North. Enters Mid Valley Pool via strip mine pit. Outfall at W-57.
W-135	Stream	Mt. Carmel Township	Northumberland	Shamokin Creek	Susquehanna	Gravity	72,000						4,500 feet North of Atlas Village - Stream flows South. Enters Richards Pool via strip mine pit. Outfall at W-44.
W-134	Stream	Conyngham Township	Columbia	N. Branch Shamokin Creek	Susquehanna	Gravity	72,000						3,500 feet N.E. of Wilburton No. 1 - Stream flows South. Enters Mid Valley Pool via strip mine pit. Outfall at W-57.
W-133	Stream	Conyngham Township	Columbia	N. Branch Shamokin Creek	Susquehanna	Gravity	144,000						4,000 feet N.E. of Wilburton No. 1 - Stream flows South. Enters Mid Valley Pool via crop fall. Outfall at W-57.

⊖ 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