

PENNSYLVANIA DEPARTMENT OF MINES AND MINERAL INDUSTRIES

TREATMENT PLANT STUDY
CARBON RUN - SHANOKIN 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	Brady Incorporated Deep Well Pump	Mt. Carmel Township	Northumberland	Shanokin 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	Shanokin Creek	Susquehanna	Pumping							South of Atlas - Water is pumped from Sioux Mine Workings for coal preparation. Overflow from quiescent area of settling dam enters Alliance Pool via crop fall. Outfall at W-46.
<u>ABANDONED STRIP MINES - OUTFALLS</u>													
W-129	Carbe Township Stripping	Carbe Township	Northumberland	Carbon Run Shanokin Creek	Susquehanna	Gravity							4,000 feet N.W. of North Mountain Tunnel - Water overflows from pit to Carbon Run.
W-121	North Mountain Stripping	Carbe Township	Northumberland	Carbon Run Shanokin Creek	Susquehanna	Gravity							500 feet South of North Mountain Tunnel - Water overflows from backfilled strip pit to Carbon Run.
W-46	Excelsior Stripping Pit	Coal Township	Northumberland	Shanokin Creek	Susquehanna	Gravity							500 feet East of Excelsior Village - Water overflows from strip pit to Shanokin Creek.
W-115	Natalie Stripping Pit	Mt. Carmel Township	Northumberland	Shanokin Creek	Susquehanna	Gravity							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	Shanokin Creek	Susquehanna	Gravity							2,000 feet S.E. 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	Coryngshan Township	Columbia	N. Branch Shanokin Creek	Susquehanna	Gravity							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	Coryngshan Township	Columbia	N. Branch Shanokin Creek	Susquehanna	Gravity							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	Shanokin Creek	Susquehanna	Gravity							4,500 feet North of Atlas Village - Stream flows South. Enters Richards Pool via strip mine pit. Outfall at W-44.
W-134	Stream	Coryngshan Township	Columbia	N. Branch Shanokin Creek	Susquehanna	Gravity							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	Coryngshan Township	Columbia	N. Branch Shanokin Creek	Susquehanna	Gravity							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 - 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