



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	ALKA-LINITY PPM	ACIDITY PPM	IRON	REMARKS
<u>ABANDONED DEEP MINES - OUTFALLS</u>													
W-130	Reed Mining Company No. 5 & 6 Slopes	Zerbe Township	Northumberland	Carbon Run Shamokin Creek	Susquehanna	Gravity							3,500 feet West of North Mountain Tunnel - Water gravitates from slope portal through stripping pit to Carbon Run.
W-136	North Mountain Tunnel	Coal Township	Northumberland	Carbon Run Shamokin Creek	Susquehanna	Gravity	504,000						On Zerbe - Coal Township Land Line - Water flows from drift portal to Carbon Run.
W-126	Triple "S" Coal Company S.D. Slope	Coal Township	Northumberland	Carbon Run Shamokin Creek	Susquehanna	Gravity	57,600						1 Mile East of North Mountain Tunnel - Water rises to wash line and drains to Carbon Run.
W-127	Rumberger Coal Company S.D. Slope	Coal Township	Northumberland	Carbon Run Shamokin Creek	Susquehanna	Gravity	36,000						4,000 feet East of North Mountain Tunnel - Water rises to wash line and drains to Carbon Run.
W-128	Four Bore Holes	Coal Township	Northumberland	Carbon Run Shamokin Creek	Susquehanna	Gravity	50,400						3,500 feet East of North Mountain Tunnel - Water percolates to surface and drains to Carbon Run.
W-132	Abandoned Mine Workings in Backfilled Pit	Coal Township	Northumberland	Carbon Run Shamokin Creek	Susquehanna	Gravity	21,600						4,000 feet East of North Mountain Tunnel - Water drains through backfill to Carbon Run.
W-33	Reed Coal Company S.D. Slope	Coal Township	Northumberland	Carbon Run Shamokin Creek	Susquehanna	Gravity	72,000						7,000 feet East of North Mountain Tunnel - Slope portal sealed with fill material. Water seeps through fill to Carbon Run.
W-121	Glosek Tunnel	Coal Township	Northumberland	Carbon Run Shamokin Creek	Susquehanna	Gravity	72,000						2,000 feet West of Steam Coal Company Breaker - Water flows from portal through open ditch to Carbon Run.
W-36	Shamokin Pool Stirling Slope Outfall	Coal Township	Northumberland	Carbon Run	Susquehanna	Gravity	6,048,000				256		East of Bear Valley Burnside Highway - Water overflows from slope portal to Carbon Run.
W-122	Leon Carl Coal Company Slope	Coal Township	Northumberland	Carbon Run Shamokin Creek	Susquehanna	Gravity							2,000 feet S.W. of Steam Coal Company Breaker - Water overflows from slope portal, runs to open ditch from Glosek Tunnel. *Sewerage from Ferndale enters same open ditch to Carbon Run.
W-139	Nielson Shaft Outfall	Coal Township	Northumberland	Carbon Run Shamokin Creek	Susquehanna	Gravity	50,400						6th & Willow Street, City of Shamokin - Water overflows from shaft to Carbon Run.
W-120	Glen Burn Fan Hole Drift	Coal Township	Northumberland	Shamokin Creek	Susquehanna	Gravity	72,000						600 feet North of H. & S. Coal Company, Glen Burn Drift - Water flows direct to Shamokin Creek.
W-39	Shamokin City Tunnel	Coal Township	Northumberland	Coal Run Shamokin Creek	Susquehanna	Gravity	2,016,000						Shakespeare & Rock Street, City of Shamokin - Water flows from tunnel portal to Coal Run.
W-118	Abandoned Mine Under Old Shamokin Dump	Coal Township	Northumberland	Shamokin Creek	Susquehanna	Gravity	72,000						1,500 feet North of Big Mountain Slope - Water from abandoned workings seeps through dump material to Shamokin Creek.
W-40	Big Mountain Slope	Coal Township	Northumberland	Buck Run Shamokin Creek	Susquehanna	Gravity	2,522,000						100 feet North of Big Mountain Shaft - Water flows from slope portal to Buck Run to Shamokin Creek.
W-41	Big Mountain No. 10 Drift	Coal Township	Northumberland	Buck Run Shamokin Creek	Susquehanna	Gravity							2,000 feet S.E. of Big Mountain Shaft - Water flows to Buck Run to Shamokin Creek.
W-117	Buck Ridge Drift	Coal Township	Northumberland	Shamokin Creek	Susquehanna	Gravity	100,800						3,000 feet North of Big Mountain Shaft - Water flows from Drift portal to Shamokin Creek.
W-43	Greenback Drift	Coal Township	Northumberland	Shamokin Creek	Susquehanna	Gravity	1,152,000						2,000 feet South of Ranshaw Village - Water flows from drift portal to Shamokin Creek.
W-42	Maysville Outfall	Coal Township	Northumberland	Quaker Run Shamokin Creek	Susquehanna	Gravity	2,016,000						1,000 feet South of Ranshaw Village - Water flows through open ditch to Quaker Run.


 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