




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
ACTIVE DEEP MINES - OUTFALLS - continued													
W-145	Paul Wehry Coal Company No. 5 Vein Rock Slope	Coal Township	Northumberland	Shamokin Creek	Susquehanna	Slope Gravity							4,500 feet East of Coal Run Village - Water gravitates underground to Hickory Swamp Pool. Outfall W-37.
W-146	Motto Partnership No. 10 Vein S.D. Slope	Coal Township	Northumberland	Shamokin Creek	Susquehanna	Slope Gravity							2,500 feet West of Excelsior Village - Water gravitates underground to Corbin Pool. Outfall W-46.
W-158	Lytle Brothers Coal Company No. 9 Vein N.D. Slope	Coal Township	Northumberland	Shamokin Creek	Susquehanna	Slope Gravity							2,000 feet South of Bear Valley - Water gravitates underground to Bear Valley Pool. Outfall W-36.
W-107	Hanks Coal Company L.V. No. 2 Vein Slope	Mt. Carmel Township	Northumberland	North Branch Shamokin Creek	Susquehanna	Slope Gravity							1 Mile N.W. of Wilburton No. 1 - Water gravitates underground and discharges through Mid Valley No. 4 Drift W-58.
W-108	Burnrite Coal Company L.V. No. 2 Vein Slope	Corynghan Township	Columbia	North Branch Shamokin Creek	Susquehanna	Slope Gravity							4,000 feet North of Wilburton No. 1 - Water gravitates underground and discharges through Mid Valley No. 4 Drift W-58.
W-110	Al-Mar Coal Company No. 2 Slope	Mt. Carmel Township	Northumberland	Shamokin Creek	Susquehanna	Slope Gravity							1,500 feet North of Boylans Gas Station - Water gravitates to Alaska Pool. Outfall at W-46.
W-111	Ramph Coal Company No. 10 Vein Rock Slope	Coal Township	Northumberland	Shamokin Creek	Susquehanna	Slope Gravity							2,500 feet N.E. of Excelsior Village - Water gravitates to Excelsior Pool. Outfall at W-46.
W-115	P. & R. Coal Company No. 5 Vein Slope	Coal Township	Northumberland	Shamokin Creek	Susquehanna	Slope Gravity							1,000 feet S.W. of Upper Sagon Village - Water gravitates underground to Hickory Ridge Pool. Outfall at W-44.
W-147	C. & P. Coal Company Bellmore Drift	Corynghan Township	Columbia	Shamokin Creek	Susquehanna	Slope Gravity							3,000 feet South of Wilburton No. 1 - Water gravitates underground to Sayre Pool. Discharges at Scott. Outfall W-44.
W-148	M. & S. Coal Company Holmes Slope	Corynghan Township	Columbia	Shamokin Creek	Susquehanna	Slope Gravity							2,500 feet S.E. of Wilburton No. 1 - Water gravitates underground to Morris Ridge Pool. Outfall at W-44.
W-149	Morack Coal Company Buck Mountain Slope	Corynghan Township	Columbia	Shamokin Creek	Susquehanna	Slope Gravity							1 Mile East of Mt. Carmel - Water gravitates underground to Morris Ridge Pool. Outfall at W-44.
W-151	Poponiak Brothers Coal Company No. 6 & 7 Slopes	Mt. Carmel Township	Northumberland	Shamokin Creek	Susquehanna	Slope Gravity							1,000 feet West of Marion Heights - Water gravitates underground to Hickory Ridge Pool. Outfall at W-44.
W-153	D. R. Z. Coal Company No. 4 Vein Slope	Mt. Carmel Township	Northumberland	Shamokin Creek	Susquehanna	Slope Gravity							4,000 feet East of Lower Sagon - Water gravitates underground to Hickory Ridge Pool. Outfall at W-44.
W-154	Sanders Coal Company No. 9 Vein, Top Split Slope	Mt. Carmel Township	Northumberland	Shamokin Creek	Susquehanna	Slope Gravity							7,000 feet East of Excelsior Village - Water gravitates underground to Excelsior Pool. Outfall at W-46.
W-155	B. & B. Coal Company No. 127 Slope	Mt. Carmel Township	Northumberland	Shamokin Creek	Susquehanna	Slope Gravity							8,000 feet East of Excelsior Village - Water gravitates underground to Excelsior Pool. Outfall at W-46.
W-156	Lone Pine Coal Company No. 4 Vein Slope	Mt. Carmel Township	Northumberland	Shamokin Creek	Susquehanna	Slope Gravity							4,000 feet S.E. of Excelsior Village - Water gravitates underground to Excelsior Pool. Outfall at W-46.


 ACTIVE DEEP MINES - GRAVITY


 ACTIVE DEEP MINE - UNDERGROUND FLOW TO ABANDONED DEEP MINE


 ABANDONED STRIP MINE FITS - 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

 STREAM - ENTERING ABANDONED MINES VIA CROP FALLS AND STRIP MINE FITS

 BREAKERS