





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>ACTIVE DEEP MINES - OUTFALLS</u> | | | | | | | | | | | | | |
| W-18 | Gem Coal Company No. 11 Vein S.D. No. 2 Slope | Zerbe Township | Northumberland | Carbon Run Shamokin Creek | Susquehanna | Pumping | 45,000 | | 4.4 | | | 4.4 | 1 Mile West of North Mountain Tunnel |
| W-19 | Chestnut Coal Company No. 11 Vein N.D. No. 5 Slope | Zerbe Township | Northumberland | Carbon Run Shamokin Creek | Susquehanna | Pumping | 24,000 | | | | | | 5,000 feet West of North Mountain Tunnel |
| W-23 | Moore Coal Company No. 11 Vein N.D. No. 5 & 6 Slopes | Zerbe Township | Northumberland | Carbon Run Shamokin Creek | Susquehanna | Pumping | 28,875 | | | | | | 4,500 feet West of North Mountain Tunnel. Enters dam and seeps underground. |
| W-24 | Marquette Coal Company No. 12 Vein S.D. Slope | Zerbe Township | Northumberland | Carbon Run Shamokin Creek | Susquehanna | Pumping | 75,000 | | | | | | 4,500 feet N.W. of North Mountain Tunnel |
| W-25 | Split Vein Coal Company No. 12 Vein S.D. No. 4 Slope | Zerbe Township | Northumberland | Carbon Run Shamokin Creek | Susquehanna | Pumping | 72,000 | | 4.5 | | 239 | 12 | 4,000 feet N.W. of North Mountain Tunnel |
| W-26 | Whitney Coal Company Nos. 2, 3 & 4 Slopes | Zerbe Township | Northumberland | Carbon Run Shamokin Creek | Susquehanna | Pumping | 72,000 | | | | | | 4,500 feet N.W. of North Mountain Tunnel |
| W-27 | Gudelunas Coal Company No. 12 Vein S.D. No. 3 & 4 Slopes | Zerbe Township | Northumberland | Carbon Run Shamokin Creek | Susquehanna | Pumping | 27,000 | | 5.2 | 174 | 17 | | 1,000 feet N.W. of North Mountain Tunnel |
| W-34 | Dugan Coal Company No. 11 Vein N.D. No. 3 Slope | Coal Township | Northumberland | Carbon Run Shamokin Creek | Susquehanna | Slope Gravity | | | | | | | East of Bear Valley Village - Water gravitates underground to Bear Valley Pool. Outfall at W-36. |
| W-37 | H. & S. Coal Company Glen Burn Drift | Coal Township | Northumberland | Shamokin Creek | Susquehanna | Drift Gravity | 1,080,000 | | | | | | Glen Burn Colliery - Water flows to Shamokin Creek. |
| W-92 | Lotus Coal Company No. 3 Slope | Coal Township | Northumberland | Shamokin Creek | Susquehanna | Slope Gravity | | | | | | | 2,000 feet South of WISL Radio Towers - Water gravitates underground to Big Mountain Pool. Outfall at W-40. |
| W-99 | Clay Coal Company No. 9 1/2 Vein N.D. Slope | Coal Township | Northumberland | Shamokin Creek | Susquehanna | Pumping | 7,500 | | | | | | 3,000 feet East of Burnside Village - Water pumped to surface enters Big Mountain Pool via stripping pit. Outfall W-40. |
| W-101 | Eldy Coal Company Rock Slope No. 11 Vein | Coal Township | Northumberland | Carbon Run Shamokin Creek | Susquehanna | Pumping | 42,000 | | | | | | 3,000 feet East of Bear Valley Village - Water pumped to surface flows approximately 1,000 feet East and seeps into ground. |
| W-102 | Four Partners Coal Company No. 9 1/2 Vein N.D. Slope | Coal Township | Northumberland | Shamokin Creek | Susquehanna | Pumping | 45,000 | | | | | | 2,500 feet S.E. of Burnside Village - Water pumped to surface enters Stirling Pool via stripping pit. Outfall W-36. |
| W-123 | Duke Associates No. 4 Rock Slope | Coal Township | Northumberland | Shamokin Creek | Susquehanna | Pumping | 16,800 | | | | | | 4,500 feet S.W. of Burnside Village - Water pumped underground - water gravitates through abandoned gangway to Burnside Pool. Outfall W-36. |
| W-124 | Lashendock Coal Company Rock Slope | Coal Township | Northumberland | Shamokin Creek | Susquehanna | Pumping | 3,500 | | | | | | 5,000 feet S.W. of Burnside Village - Water pumped to surface enters Burnside Pool via stripping pit. Outfall W-36. |
| W-125 | Grego & Deitz Coal Company No. 12 Vein N.D. Slope | Coal Township | Northumberland | Shamokin Creek | Susquehanna | Pumping | 7,500 | | | | | | 300 feet South of Bear Valley Village - Water pumped to surface enters Bear Valley Pool via stripping pit. Outfall W-36. |
| W-137 | Rocky Mountain Coal Company No. 14 Vein S.D. No. 3 Slope | Zerbe Township | Northumberland | Carbon Run Shamokin Creek | Susquehanna | Slope Gravity | | | | | | | 2,500 feet South of North Mountain Tunnel - Water gravitates underground to Bear Valley Pool. Outfall W-36. |
| W-140 | Pine Line Coal Company No. 9 1/2 Vein Drift | Coal Township | Northumberland | Shamokin Creek | Susquehanna | Drift Gravity | | | | | | | 2,000 feet South of Shamokin - Water gravitates underground to Henry Clay Pool. Outfall W-36. |
| W-144 | K. & K. Coal Company No. 9 Vein Slope | Coal Township | Northumberland | Shamokin Creek | Susquehanna | Slope Gravity | | | | | | | 3,000 feet East of Coal Run Village - Water gravitates underground to Hickory Swamp Pool. Outfall W-37. |


 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