

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>BREAKERS LOCATED ON CARBON RUN AND SHAMOKIN CREEK</u>													
89	Rosini Coal Company	Coal Township	Northumberland	Carbon Run Shamokin Creek	Susquehanna	Gravity	485,000		5.0		188	30	South 5th Street, Shamokin - Water pumped from Carbon Run. Overflow from quiescent area of sedimentation basin reenters Carbon Run.
115	Glen Burn Colliery, Inc.	Coal Township	Northumberland	Shamokin Creek	Susquehanna	Gravity	1,638,000		4.8		274	26	North of Shamokin - Water pumped from Cameron Mine. Overflow from quiescent area of sedimentation basin reenters Cameron Mine. Outfall at W-37.
107	Ranshaw Transportation and Auto Wreckers Company	Coal Township	Northumberland	Shamokin Creek	Susquehanna	Gravity	270,000						S.W. of Ranshaw - Water pumped from Shamokin Creek. Overflow from quiescent area of sedimentation basin reenters Shamokin Creek.
77	State Coal Company, Inc.	Mt. Carmel Township	Northumberland	Quaker Run Shamokin Creek	Susquehanna		2,520,000						1,000 feet North of Strong Village - Water pumped from Pennsylvania Shaft. Discharge from preparation plant reenters Pennsylvania Mine. Outfall at W-44.
75	Diamond Coal Company	Mt. Carmel Township	Northumberland	Shamokin Creek	Susquehanna		840,000		4.7		257	24.	600 feet North of Atlas - Water pumped from North Branch of Shamokin Creek. Overflow from quiescent area of sedimentation basin reenters Shamokin Creek.
119	Bridy, Incorporated	Mt. Carmel Township	Northumberland	Shamokin Creek	Susquehanna	Gravity							500 feet South of Atlas - Water pumped from Sioux Mine. Discharge from preparation plant reenters mine workings via borehole. Outfall at W-46.
76	Savitsky Brothers Coal Sales	Mt. Carmel Township	Northumberland	Shamokin Creek	Susquehanna	Gravity	105,000		4.8	9	86	6.8	South of Atlas - Water pumped from Sioux Mine. Overflow from quiescent area of sedimentation basin enters Reliance Pool via crop fall. Outfall at W-46.

ACTIVE MINES ON SHAMOKIN CREEK WATERSHED TRIBUTARY TO MAHANOHY CREEK

W 159	G.M.P. COAL Co BOTTOM SPLIT SLOPE	MT CARMEL TOWNSHIP	NORTHUMBERLAND	MAHANOHY CREEK	SUSQUEHANNA	GRAVITY							SOUTH OF LOCUST GAP VILLAGE WATER GRAVITATES UNDERGROUND VIA MINE WORKINGS OUTFALL AT HELFENSTEIN DRAINAGE TUNNEL
W 160	ZANELLA BROTHERS PRIMROSE SLOPE	MT CARMEL TOWNSHIP	"	"	"	"							1200' SOUTH EAST OF LOCUST GAP VILLAGE, WATER GRAVITATES UNDERGROUND VIA, MINE WORKINGS OUTFALL AT HELFENSTEIN DRAINAGE TUNNEL
W 161	B & S. COAL Co. PRIMROSE SLOPE	"	"	"	"	"							1500' SOUTH EAST OF LOCUST GAP VILLAGE, WATER GRAVITATES UNDERGROUND VIA, MINE WORKINGS OUTFALL AT HELFENSTEIN DRAINAGE TUNNEL

⊖ 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