

PENNSYLVANIA DEPARTMENT OF MINES AND MINERAL INDUSTRIES

TREATMENT PLANT STUDY
CATAWISSA CREEK WATERSHED

<u>NUMBER</u>	<u>NAME OF COMPANY</u>	<u>MUNICIPALITY</u>	<u>COUNTY</u>	<u>TRIBUTARY STREAM</u>	<u>RIVER</u>	<u>TYPE OF DISCHARGE</u>	<u>GALLONS PER DAY</u>	<u>C.F.S.</u>	<u>pH</u>	<u>ALKA-LINITY PPM</u>	<u>ACIDITY PPM</u>	<u>IRON</u>	<u>REMARKS</u>
<u>ABANDONED DEEP MINES</u>													
E4	Sheppton Drainage Tunnel	East Union Sheppton	Schuylkill	Catawissa Creek	Susquehanna	Gravity	144,000		3.9			.8	2 3/10 miles West of Sheppton. Water flows Southwest - Joins water from Stripping E5.
E6	Oneida Drainage Tunnel No. 3	North Union Millers Corner	Schuylkill	Tomhicken Creek	Susquehanna	Gravity	2,880,000	2.2	3.7		120	1.6	7000 feet Northwest of Oneida. Flows North - Joins the Tomhicken Creek. Elevation 1032'. Length of tunnel 7040 feet.
E7	Oneida Drainage Tunnel No. 1	Oneida Village	Schuylkill	Sugarloaf Creek	Susquehanna	Gravity	2,160,000	1.1	3.3		216	6.0	7000 feet North of Oneida. Flows North to Sugarloaf Creek. Elevation 1198'. Length of tunnel 5150 feet.
E8	Green Mountain Tunnel	Sheppton Village	Schuylkill	Catawissa Creek	Susquehanna	Gravity	1,440,000	2.2	3.6		80	6.0	11,000 feet East of Sheppton. Flows South to Catawissa Creek. Elevation 1173.5'.
E9	Audenried Tunnel	Sheppton Village	Schuylkill	Catawissa Creek	Susquehanna	Gravity	3,600,000	11.0	3.2		316	6.0	2200 feet East of Green Mt. Tunnel. Flows South to Catawissa Creek. Elevation 1180' - Length 17,000 feet.
E10	Water Level Tunnel	Sheppton Village	Schuylkill	Catawissa Creek	Susquehanna	Gravity	2,160,000						4600 feet North of Audenried Tunnel. Flows South to Catawissa Creek. Elevation 1410'.
E1	Scotch Valley No. 1 Tunnel	Beaver Township	Columbia	Scotch Run	Susquehanna	Gravity	36,000		2.8				3.8 miles West of Mountain Grove, 500 ft. South of Old Scotch Valley Breaker. Water flows North 20 ft. and disappears.
E1-4	Scotch Valley No. 2 Tunnel	Beaver Township	Columbia	Scotch Run	Susquehanna	Gravity	72,000		2.9				1500 ft. West from Old Scotch Valley Breaker. Water flows South 50 ft. and disappears.