

POTENTIAL WATER POOL STUDY
BUTLER DRAINAGE TUNNEL SOUTH TO SOLOMONS CREEK & EAST OF SUSQUEHANNA RIVER

METHOD OF CORRECTION

NO. "A" & "B"	DATE	TWP.	MUNICIPALITY BORO.	COUNTY	NAME OF STREAM		TRIBUTARY TO STREAM & RIVER	RESERVOIRS		EST. FLOW AV. DIMEN.	INSP. LENGTH OF CREEK	PH TEST FR.-ACID-SEW. SEWAGE SOURCE	QUAD. MAP	METH. OF RECORDING EXISTING STREAM BEDS		RELOCATION OF STREAM BED	BACKFILLING	OTHERS	REMARKS	
					LOCAL	U.S. GEO. SUR.		WATER CO.	COMM. SERVED					FLUMES	FIBER STEEL CONC.					
18A	6/17/68	Hanover	Ashley	Luzerne	-	Sugar Notch Run	Spring Run Solomons Creek Susquehanna R.	-	-	900 GPM	No water entering mines	Fresh-Acid	W-B W.	-	-	-	-	-	-	Underpass at Preston partially blocked
19A	"	"	"	"	-	"	"	-	-	-	Huber Coll'y. Silt Plant Discharge	Acid	"	-	-	-	-	-	-	Huber Silt Plant Discharge
20A	"	"	"	"	-	"	"	-	-	Water hole filled with ashes	-	"	-	-	-	-	-	-	-	Water hole out of service
21A	6/18/68	"	"	"	-	"	"	-	-	1500 GPM	From limit of measures to Susquehanna River	Acid Silt-Sew. Residences	"	-	-	-	-	-	-	No water entering mine
22A	"	Hanover	Buttonwood	"	-	Solomons Creek	Susquehanna R.	-	-	510,000 Gal. Dam	Flood control	"	"	-	-	-	-	-	-	510,000 Gallons
23A	"	"	"	"	-	"	"	-	-	-	"	"	"	-	-	-	-	-	-	See 22A
24A	6/20/68	Wilkes-Barre	"	"	-	Spring Run	Solomons Creek Susquehanna R.	-	-	-	No water entering mines	Creek Dry	"	-	-	-	-	-	-	Creek cut off by stripping @ limit of coal measures. Culverts blocked.
25A	"	"	"	"	-	"	"	-	-	-	"	"	"	-	-	-	-	-	-	"
26A	"	"	"	"	-	"	"	-	-	40 GPM	"	Fresh-Sewage	"	-	-	-	-	-	-	Flows uninterrupted to Solomon's Creek
46B	6/13/68	-	Laurel Run	"	-	Georgetown Creek	Spring Run Susquehanna R.	-	-	100 GPM	Water disappears in ground hidden cavities-some vegetation-flows under W-B Eastern Turnpike	Fresh Water	W-B E.	Yes	-	Yes	Yes	-	-	Excavation Wooden Flume needs repairs
47B	"	-	"	"	-	"	"	-	-	20 GPM	Water goes into mine	"	"	"	"	"	"	"	"	"

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					LOCAL	U.S. GEO. SUR.		WATER CO.	COMM. SERVED					FLUMES	FIBER STEEL CONC.					
48B	6/13/68	-	Laurel Run	Luzerne	-	Georgetown Creek	Spring Run Susquehanna R.	-	-	Dry	Dry creek bed	-	W-B E.	-	-	-	-	-	-	-
49B	"	Wilkes-Barre	"	"	-	Coalbrook	See 50B	-	-	See 50B	Debris-vegetation-water runs into Stripping Pit	-	"	-	-	-	-	-	-	Excavation Should be cleaned of debris and vegetation.
50B	"	"	"	"	-	"	Spills into Stripping pit	-	-	10 GPM	"	Fresh	"	-	-	-	-	-	-	"
51B	"	"	"	"	-	"	"	-	-	See 50B	"	See 50B	"	-	-	-	-	-	-	"
52B	"	"	"	"	-	"	"	-	-	"	"	"	"	-	-	-	-	-	-	"
53B	"	"	"	"	-	"	"	-	-	"	"	"	"	-	-	-	-	-	-	"
54B	6/17/68	-	Wilkes-Barre City	"	-	"	Laurel Run Mill Creek Susquehanna R.	-	-	100 GPM	Creek overgrown-undercover 5' dia. pipe 1020' Kidder to Henry St.	Fresh-Sewage	Pitts.	-	-	-	-	-	-	Elim. sewage Clean creek bed
55B	"	-	"	"	-	"	"	-	-	See 54B	Sewage	See 54B	"	-	-	-	-	-	-	"
56B	"	Plains	"	"	-	Laurel Run	Mill Creek Susquehanna R.	Pa. Gas & Water Colebrook Dam	Parsons Boro.	10,000 GPM	Overgrown w/vegetation, flows under R.R. & D&H RR & Hwy. 81 & 315	Fresh-Sewage Residences	"	-	-	-	-	-	-	4" drainpipe partly blocked coming from N. Penns. Ave., W-B, approx. 100 GPM 30" Dia. water line from Colebrook Dam supplies residences of Parsons
57B	"	-	Wilkes-Barre City	"	-	Colebrook	"	-	-	-	"	"	"	-	-	-	-	-	-	Colebrook flows into Laurel Run

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					LOCAL	U.S. GEO. SUR.		WATER CO.	COMM. SERVED					FLUMES	FIBER STEEL CONC.					
58B	6/17/68	-	W-B City	Luzerne	-	Laurel Run	Mill Creek Susquehanna R.	-	-	-	-	Fresh-Sewage Residences	Pitts.	-	-	-	-	-	-	Laurel Run flows into Mill Creek
59B	6/18/68	Plains	"	"	-	Mill Creek	Susquehanna R.	Devey Johns Dam Pa. Gas & Water	-	25,000 GPM	Water disappears in ground cavity hidden - overgrown w/ veget., flows under Rt. 81&315	Fresh-Acid Sewage	"	-	-	-	-	-	-	100 GPM running out of Old Mine Drift - caved & disappears in ground
60B	"	"	"	"	-	"	"	-	-	-	Fan Drift Opening (Open)	-	"	-	-	-	-	-	-	Yes
61B	"	"	"	"	-	"	"	-	-	100 GPM	Water runs out of old mine Drift-disappears in ground	Acid	"	-	-	-	-	-	-	100 GPM running out of old Drift & disappears in ground - Mine Drift caved
62B	"	"	"	"	-	Flume	"	-	-	-	Dry	-	"	-	-	-	-	-	-	Dry
63B	"	"	"	"	-	Del. Pumps Disch.	Mill Creek Susquehanna R.	-	-	Not Pumping	Not pumping at time of investigation	Acid	"	-	-	-	-	-	-	Pumping Station
64B	"	"	"	"	-	"	"	-	-	16 Sewage Drains	Spilling into Mill Creek	Fresh-Sewage Residences	"	-	-	-	-	-	-	2000' from 64B to Railroad Bridge
65B	"	"	"	"	-	"	"	-	-	10 GPM	4" Dia. Conc. Culvert under R.R. tracks	Sewage Residences	"	-	-	-	-	-	-	Sewage drain from Plains Boro.
66B	"	-	W-B City	"	-	"	"	-	-	50 GPM	1- 24" & 24- 6" sewer drains spill into creek	Fresh-Sewage Residences	"	-	-	-	-	-	-	Creek rip-rap stone on side walls
67B	"	"	"	"	-	"	"	-	-	10 GPM	Spills into creek	Sewage	"	-	-	-	-	-	-	-
68B	"	"	"	"	-	"	"	-	-	25,000 GPM	Does not incl. Del. Pumps	Fresh-Sewage Residences	"	-	-	-	-	-	-	Includes only fresh water and sewage
69B	6/20/68	Old Boston Jenkins & Plains	"	"	-	Gardner Cr. No. 1 E. Br.	Gardner Creek Susquehanna R.	-	-	500 GPM	Overgrown with vegetation	"	"	-	-	-	-	-	-	Excavation
70B	"	"	"	"	-	"	"	-	-	-	"	"	"	-	-	-	-	-	-	See 69B

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					LOCAL	U.S. GEO. SUR.		WATER CO.	COMM. SERVED					FLUMES	FIBER STEEL CONC.					
71B	6/20/68	Old Boston Jenkins & Plains	"	Luzerne	-	Gardner Cr. No. 1 E. Br.	Gardner Creek Susquehanna R.	-	-	-	30" Pipe	-	Pittston	-	-	-	-	-	-	Under road western end of Fort Griffith - water entering Susquehanna River
72B	"	"	"	"	-	Swamp Over-flow	"	-	-	500 GPM	Water Tunnel	"	"	-	-	-	-	-	-	123' southwest of Grubecic Alley - Ewen Colliery property
73B	"	"	"	"	-	Gardner Cr. No. 1 E. Br.	"	-	-	See 69B	Creek enters water tunnel	"	"	-	-	-	-	-	-	Runs approx. 900' to 128B
74B	"	Leflin, Plains & Jenkins	"	"	-	Gardner Creek	Mill Creek Susquehanna R.	-	-	2,000 GPM	Creek runs under Erie RR tracks	"	"	-	-	-	-	-	-	Pool of water
75B	"	"	"	"	-	"	"	-	-	-	Head waters of creek	"	"	-	-	-	-	-	-	Running into creek
76B	"	Leflin	"	"	-	"	"	-	-	2,000 GPM	Open sewage creek	"	"	-	-	-	-	-	-	Pond
77B	"	"	"	"	-	"	"	-	-	-	End of Ross St. off Hospital St. in Fort Griffith underpass under L.V. RR tracks	"	"	-	-	-	-	-	-	End of Ross St. off Hospital St. in Fort Griffith underpass under L.V. RR tracks
78B	"	Ridgewood, Plains	"	"	-	"	"	-	-	-	Open sewage creek from homes in Fort Griffith going into Susq. R. (sewage flows thru old WPA Tunnel to RR tracks)	"	"	-	-	-	-	-	-	Open inside of mountain-wire fence -6' high around opening
79B	"	"	"	"	-	"	"	-	-	See 74B	Under LV tracks-emptying into river- presumed to be coming from Pitts. Hosp. 8" pipe	"	"	-	-	-	-	-	-	Under Pitts. Ave. and Stout Street
80B	"	Westminster Jenkins	"	"	-	Gardner Cr. No. 2 E. Br.	"	-	-	-	6- 8" Boreholes into #6 Mines	"	"	-	-	-	-	-	-	Pitts. Area H.S.-Surf. water drainage
81B	"	"	"	"	-	"	"	-	-	-	Stripping Pit	"	"	-	-	-	-	-	-	1 Mi. in length E. of D&H crossing @ Leflin Pit 5280' x 70' x 60' dry-Surf. water drains into pits & disappears -1056' at pit at eastern end being backfilled
82B	6/26/68	Midvale Plains	"	"	-	"	Susquehanna R.	-	-	50 GPM	Body of water	"	"	-	-	-	-	-	-	Body of water appears at certain periods of the year in mine dump area.
83B	"	"	"	"	-	"	"	-	-	-	"	"	"	-	-	-	-	-	-	"
84B	"	"	"	"	-	"	"	-	-	39,375 Gal.	"	"	"	-	-	-	-	-	-	"