

Sub-watershed 10L (Un-named)

General Discussion

This sub-watershed encompasses 0.51 square miles or 328.64 acres of land area, approximately 0.8 of the total study area. The basin is drained by 2.32 miles of tributaries (0.86% of the total length of watershed tributaries) and contains 1 acre of lakes and ponds (0.30% of the total sub-watershed area). Commonwealth records show no mining of any type in this area, which was substantiated by our field survey.

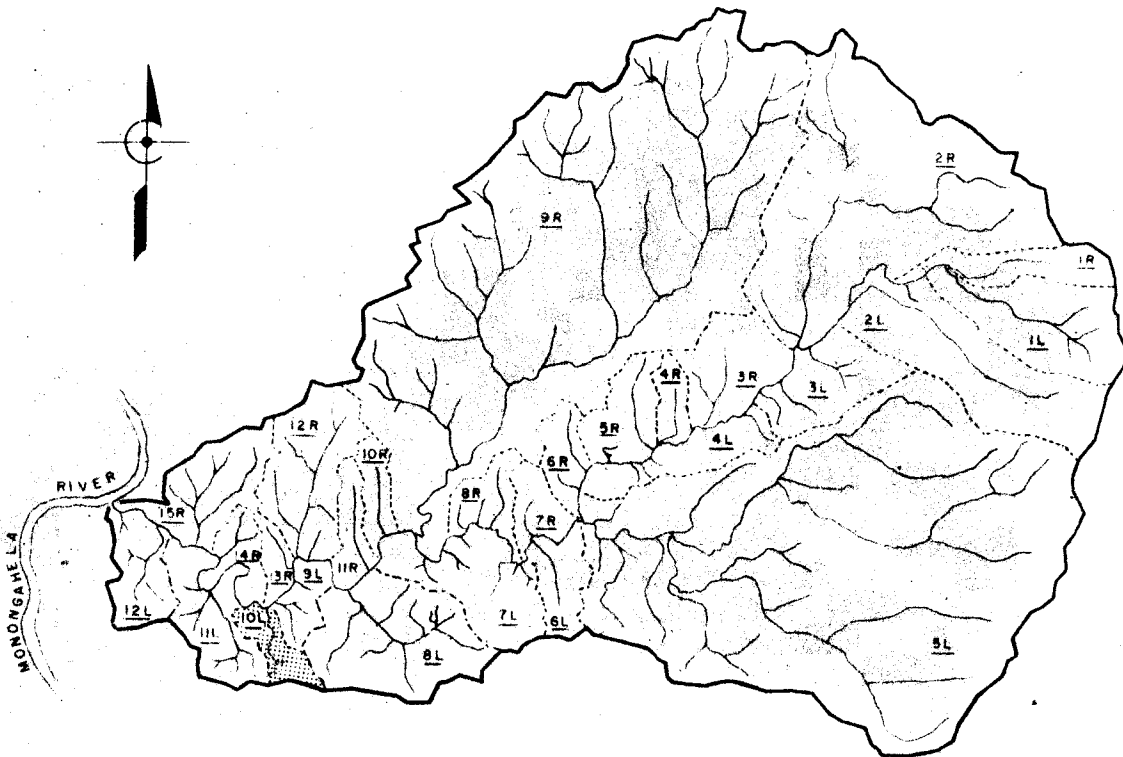
The following information gives the combined averages of the sampling stations designated as GC10L1 and GC10L3, both un-named. Their locations are shown on Drawing 7316-7, while their individual averages can be found in Table 106. In the case where more than one tributary contributes to a sub-watershed, the values have been combined. The percentages that this sub-watershed contributes in pollution load and flow to Monitoring Station GC8 near the mouth of Georges Creek are also shown.

	<u>Averages</u>		<u>Percent of Total Watershed</u>
pH	6.8		
Net Hot Acidity	0	PPD	0 %
Ferrous Iron	1	PPD	6.25%
Total Iron	1	PPD	0 %
Sulfate	41	PPD	.06%
Flow	120,960	GPD	.20%





TABLE 106
 TRIBUTARY AVERAGE WATER QUALITY DATA
 sub-watershed
 10L

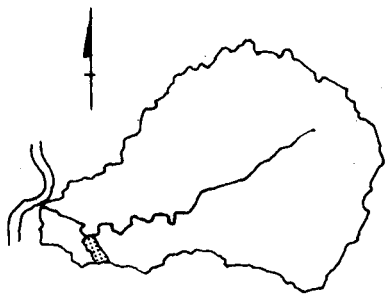
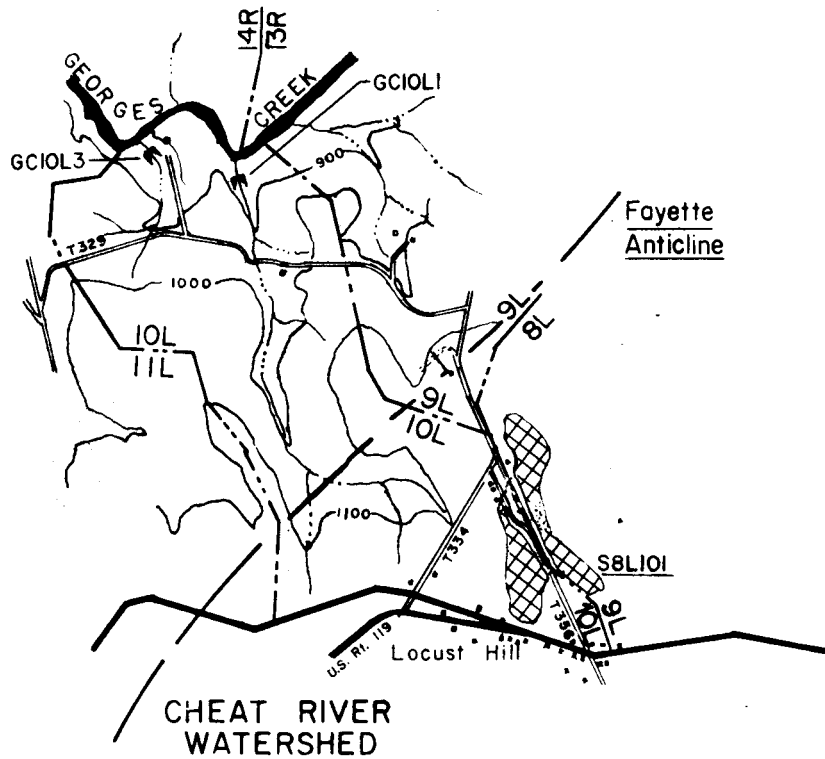
Station	pH	Hot Acid		Alkalinity		Net Hot Acid		Ferrous Iron		Iron as Fe		Sulfate		Flow	
		PPM	#/Day	PPM	#/Day	PPM	#/Day	PPM	#/Day	PPM	#/Day	PPM	#/Day	GPV	G.P.D.
GC10L1	7.1	0	0	66.00	37.62	0	0	.03	.02	.08	.05	27.67	16.49	32	46,080
GC10L3	6.4	10.00	9.13	66.00	66.90	0	0	0	0	.10	.09	23.67	24.03	52	74,880

Location Plan



LEGEND FOR THE FOLLOWING PLATES

- Y DEEP MINE OPENING (M9R59A)
- ▲ DEEP MINE PIPE (SAMPLE STATIONS - MP5L2A, or BH9R2)
- ▼ WEIR (TRIBUTARY SAMPLE STATION - GC7L1)
- CROSS-SECTION (TRIBUTARY SAMPLE STATION - GC9R1)
- ◻ GEORGES CREEK CROSS-SECTION (SAMPLE STATION - GC5)
-  STRIP MINE (ABANDONED-UNRECLAIMED - S11L102)
-  STRIP MINE (ACTIVE - S4R107)
-  STRIP MINE (ABANDONED-RECLAIMED - S7L106)
-  GOB PILE (G9R301)
- A, B, C UNDERLINED SUFFIX INDICATES FLOWING DEEP MINE SAMPLE STATIONS - M9R74A, B, C
- S7L101 UNDERLINE - INDICATES FLOWING STRIP MINE, GOB PILE, OR BORE HOLE SAMPLE STATION



**MAP OF
 SUB-WATERSHED IOI**
 (UN-NAMED)
 SCALE 1" = 2000'