

Sub-watershed 9L (Un-named)

General Discussion

This sub-watershed encompasses 0.49 square miles or 316.71 acres of land area, approximately 0.77% of the total study area. The basin is drained by 1.98 miles of tributaries (0.74% of the total length of watershed tributaries) and contains no appreciable amount of ponds and lakes. Commonwealth records indicate no mining of any type in the area and our field investigations substantiated this.

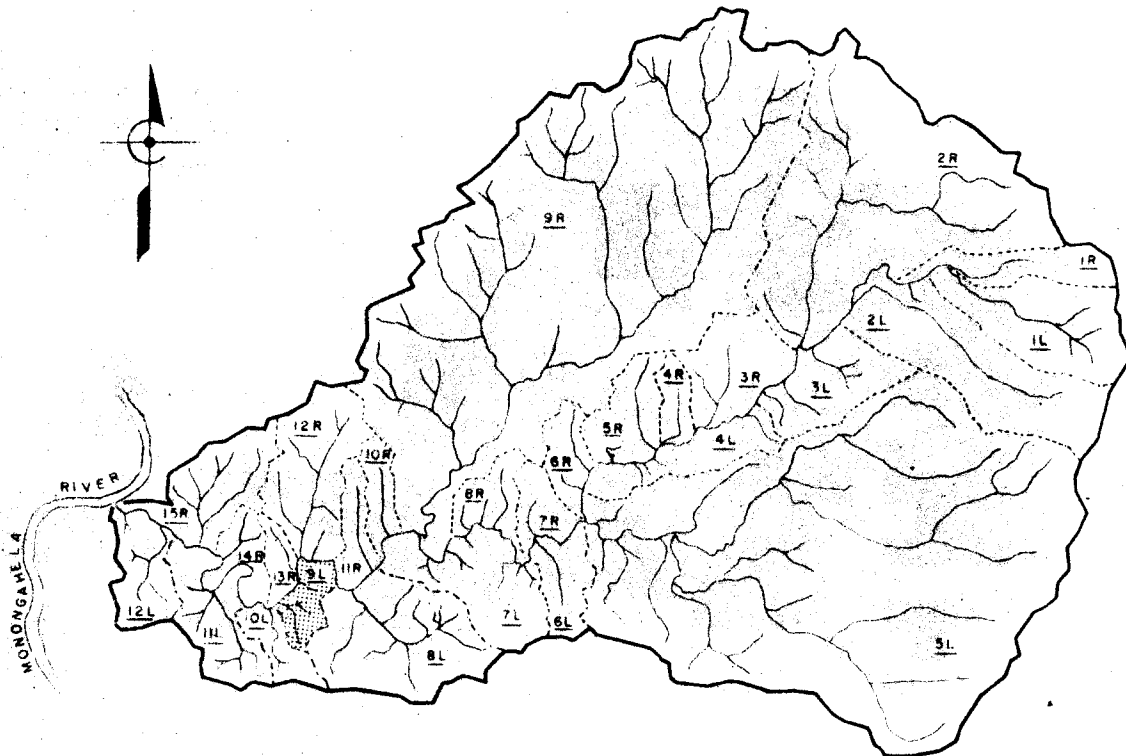
The following information gives the combined averages of the sampling stations designated as GC9L3, GC9L4, and GC9L5, all un-named. Their locations can be found on Drawing 7316-7, and their averages are shown in Table 105. In the case where more than one tributary contributes to a sub-watershed, the values have been combined. The percentages that this sub-watershed contributes in pollution load and flow to Monitoring Station GC8 on Georges Creek are also given.

	<u>Averages</u>		<u>Percent of Total Watershed</u>	
pH	6.4			
Net Hot Acidity	0	PPD	0	%
Ferrous Iron	0	PPD	0	%
Total Iron	1	PPD	0.01%	
Sulfate	84	PPD	0.12%	
Flow	267,840	GPD	0.45%	





TABLE 105  
 TRIBUTARY AVERAGE WATER QUALITY DATA  
 Sub-watershed  
 9L

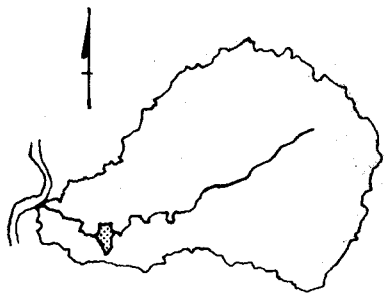
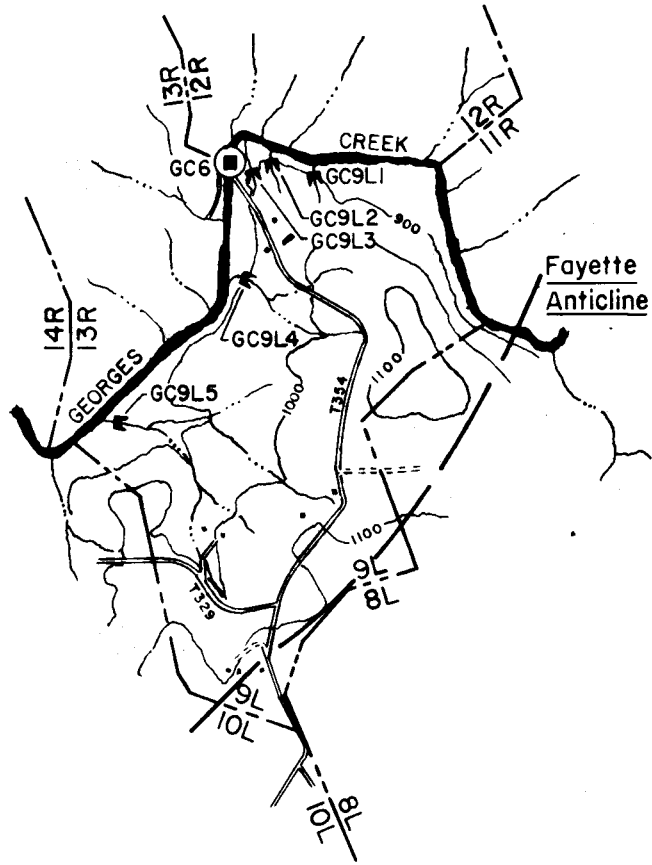
Station	pH	Hot Acid		Alkalinity		Net Hot Acid		Ferrous Iron		Iron as Fe		Sulfate		Flow	
		PPM	#/Day	PPM	#/Day	PPM	#/Day	PPM	#/Day	PPM	#/Day	PPM	#/Day	GPM	G.F.D.
GC9L1	6.2	10.86	.37	82.86	4.09	0	0	0	0	.55	.01	130.14	2.72	4	5,760
GC9L2	No	Flow													
GC9L3	No	Flow													
GC9L4	6.2	21.33	13.86	61.33	37.42	0	0	0	0	.15	.09	20.67	11.74	33	47,520
GC9L5	6.8	3.33	15.35	62.00	170.03	0	0	0	0	.15	.30	23.33	68.96	149	214,560

# Location Plan



## LEGEND FOR THE FOLLOWING PLATES

- Y DEEP MINE OPENING (M9R59A)
- ▲ DEEP MINE PIPE (SAMPLE STATIONS - MP5L2A, or BH9R2)
- M 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



KEY PLAN

**MAP OF  
SUB-WATERSHED 9L  
(UN-NAMED)  
SCALE: 1" = 2000'**