

Sub-watershed 13R (Un-named)

General Discussion

This sub-watershed encompasses 0.29 square miles or 183.60 acres of land area, approximately 0.44% of the total study area. This basin is drained by 1.47 miles of tributaries (0.54% of the total length of all watershed tributaries) and contains 1 acre of lakes and ponds (0.54% of the total sub-watershed land area). State records indicate no mining of any type in this area which was substantiated by our investigation.

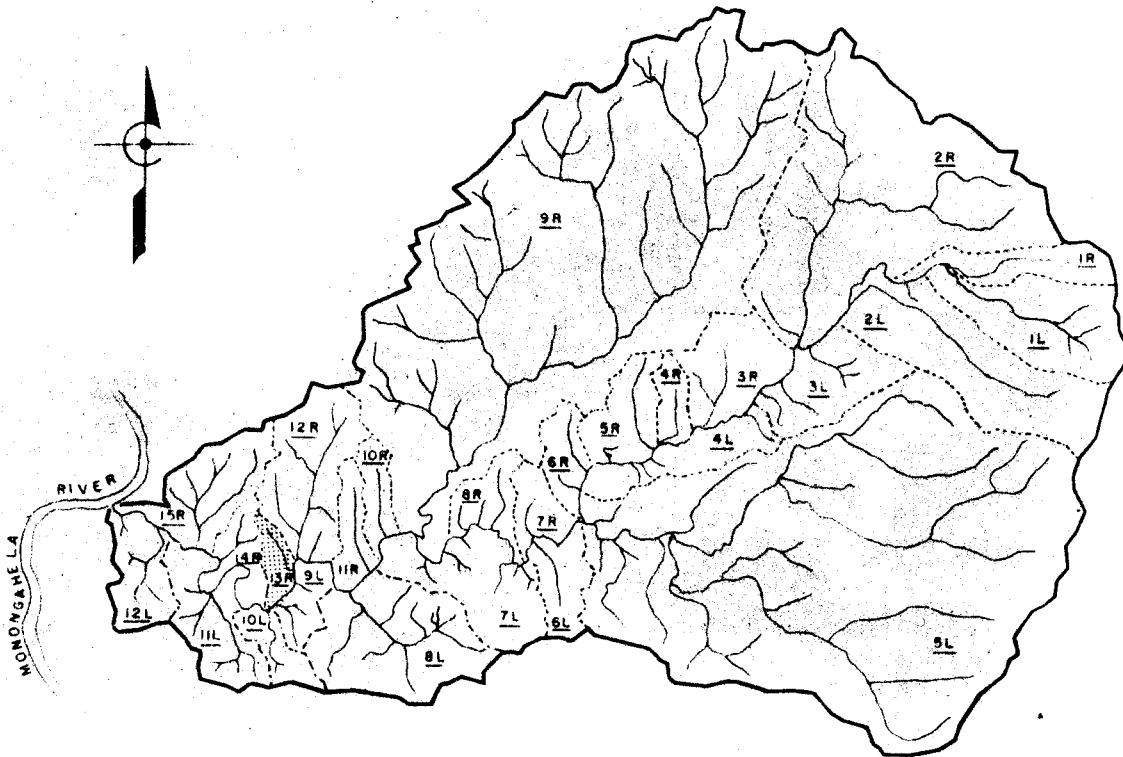
The following information gives the averages of the sampling station designated as GC13R1, un-named, which is shown on Drawing 7316-7. The percentages of pollution load and flow that this sub-watershed contributes to Monitoring Station GC8 near the mouth of Georges Creek are also included.

	<u>Averages</u>		<u>Percent of Total Watershed</u>
pH	7.2		
Net Hot Acidity	0	PPD	0 %
Ferrous Iron	0	PPD	0 %
Total Iron	1	PPD	0.01%
Sulfate	46	PPD	0.07%
Flow	129,600	GPD	0.22%





TABLE 104
 TRIBUTARY AVERAGE WATER QUALITY DATA
 Sub-watershed
 13R

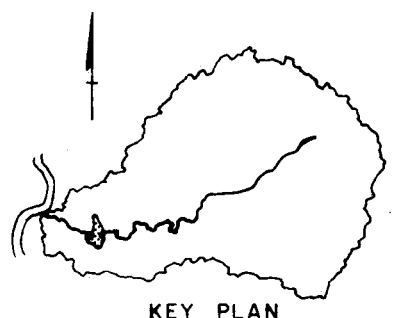
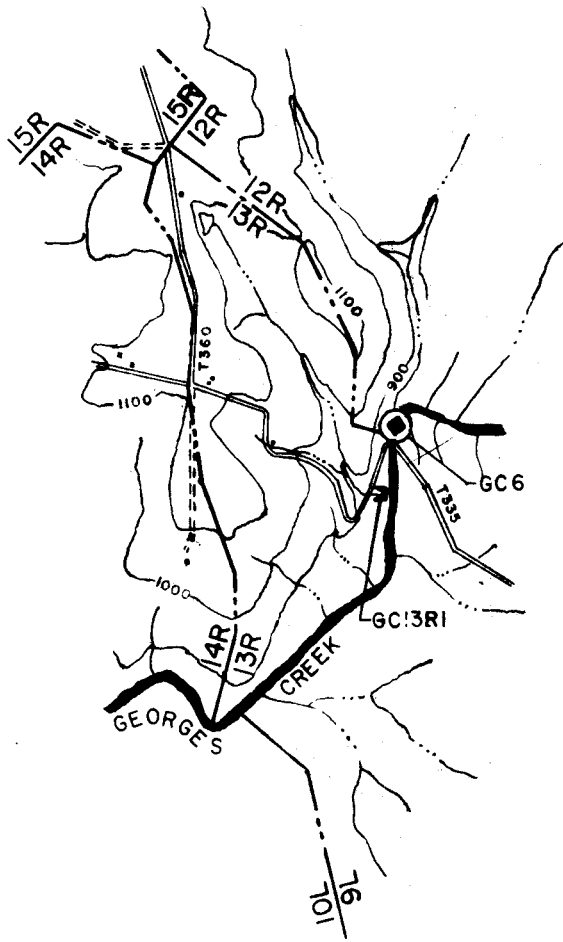
Station	pH	Hot Acid		Alkalinity		Net Hot Acid		Ferrous Iron		Iron as Fe		Sulfate		Flow	
		PPM	#/Day	PPM	#/Day	PPM	#/Day	PPM	#/Day	PPM	#/Day	PPM	#/Day	GPM	G.P.D.
GC13R1	7.2	2.67	3.33	116.67	112.92	0	0	.10	-	.25	.22	42.0	45.56	90	129,600

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



KEY PLAN

**MAP OF
SUB-WATERSHED 13R
(UN-NAMED)
SCALE: 1" = 2000'**