

Sub-watershed 14R (Un-named)

General Discussion

This sub-watershed encompasses 0.47 square miles or 302.94 acres of land area, approximately 0.73% of the total study area. This basin is drained by 1.85 miles of tributaries (0.68% of the total length of watershed tributaries) and contains no appreciable amount of lakes and ponds. State records show that no mining of any type was performed in this area and our field survey has been in agreement.

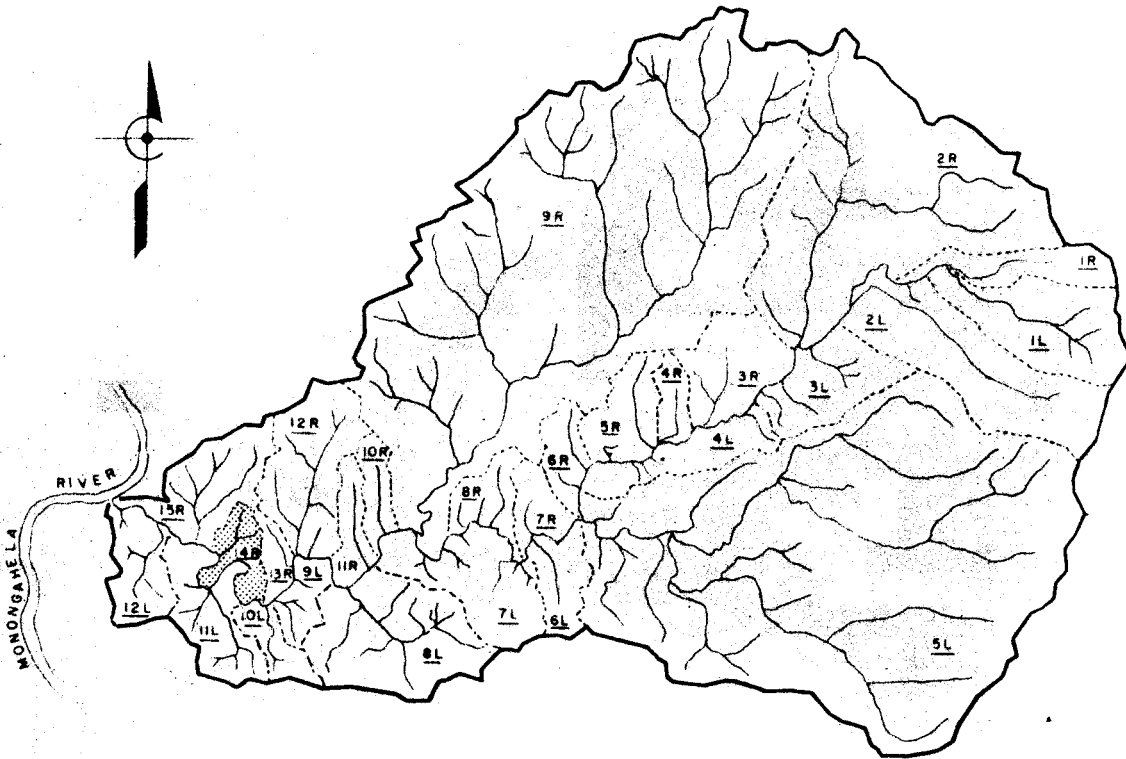
The following information gives the combined averages of the sampling stations designated as GC14R3 and GC14R4, both un-named and both shown on Drawing 7316-7. Their individual averages are shown in Table 114. In the case where more than one tributary contributes to a sub-watershed, the values have been combined. The percentages of pollution load and flow that this sub-watershed contribute to Monitoring Station GC8 near the mouth of Georges Creek are also given.

	<u>Averages</u>		<u>Percent of Total Watershed</u>	
pH	7.1			
Net Hot Acidity	0	PPD	0	%
Ferrous Iron	0	PPD	0	%
Total Iron	1	PPD	0	%
Sulfate	42	PPD	0.06%	
Flow	73,440	GPD	0.12%	





TABLE 114
 TRIBUTARY AVERAGE WATER QUALITY DATA
 Sub-watershed
 14R

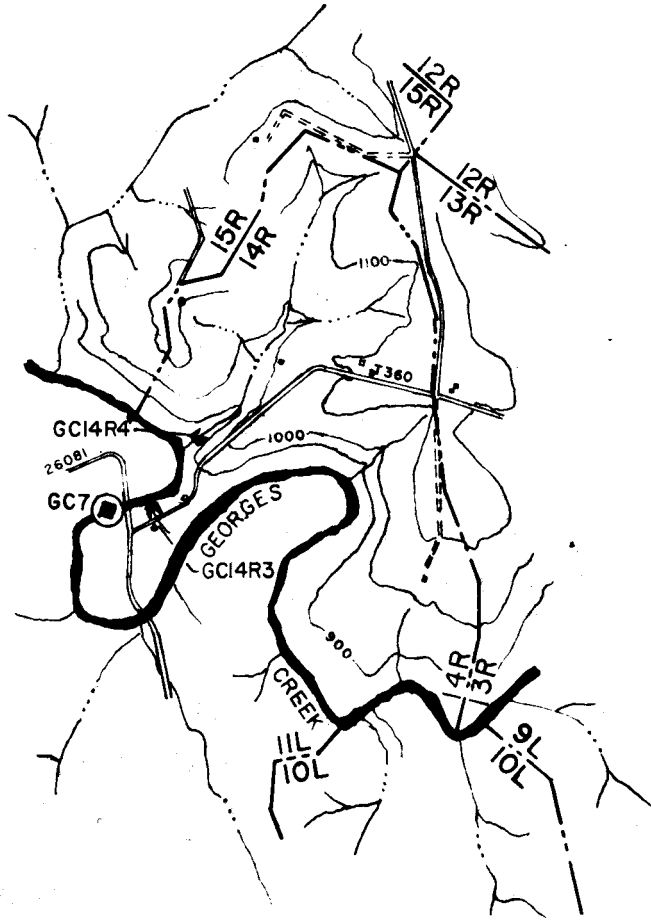
Station	pH	Hot Acid		Alkalinity		Net Hot Acid		Ferrous Iron		Iron as Fe		Sulfate		Flow	
		PPM	#/Day	PPM	#/Day	PPM	#/Day	PPM	#/Day	PPM	#/Day	PPM	#/Day	GPM	G.F.D.
GC14R3	No	Flow													
GC14R4	7.1	.40	.15	91.60	53.28	0	0	0	0	.18	.02	85.40	41.87	51	73,440

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 14R
(UN-NAMED)
SCALE: 1" = 2000'**